284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : GIRARD SCHOOL - PA

KLEINFELDER

180 Sheree Boulevard, Suite 3800

Exton, PA - 19341

Phone No: 610-594-1444

ORDER ID : Q2807

ATTENTION : Mark Warchol

Laboratory Certification ID # 20012

Table Of Contents for Q2807

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q2807

Project ID : Girard School - PA

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q2807-01	COMP-4
Q2807-02	COMP-5
Q2807-03	COMP-6

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2807
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

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for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2807
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df The analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

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for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2807
Test Name: PESTICIDE Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PESTICIDE Group1. This data package contains results for PESTICIDE Group1.

C. Analytical Techniques:
The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of PESTICIDE Group1s was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for COMP-5 [Tetrachloro-m-xylene(2)163%]. As per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken.

The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration File ID PD089843.D met the requirements except for 4,4-DDD is failing in 2nd column, however it is passed in 1st column therefore no corrective action was taken.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

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Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2807
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB Group1. This data package contains results for PCB Group1.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PO112850.D met the requirements except for Aroclor-1016(Peak-01),Tetrachloro-m-xylene is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2807
Test Name: Mercury,Metals ICP-Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/08/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for Mercury,Metals ICP-Group1.

C. Analytical Techniques:
The analysis of Metals ICP-Group1 was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
Sample COMP-4 was diluted due to high concentrations for Mercury & Sample COMP-5 was diluted due to high concentrations for Mercury & Sample COMP-6 was diluted due to high concentrations for Mercury.
The Blank Spike met requirements for all compounds.
The Duplicate (COMP-6DUP) analysis met criteria for all compounds except for Mercury due to sample matrix interference.
The Duplicate (COMP-6MSD) analysis met criteria for all compounds except for Mercury due to sample matrix interference.
The Matrix Spike (VNJ-231MS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Selenium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion process.
The Matrix Spike Duplicate (VNJ-231MSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Potassium, Selenium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (COMP-6L) met criteria for all compounds except for Mercury due to sample matrix interference.

E. Additional Comments:

The Post Digest Spike (VNJ-231A) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Potassium, Selenium, Silver, Sodium and Vanadium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2807
Test Name: Ammonia,Anions Group1,Hexavalent Chromium,Trivalent Chromium

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/08/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia,Anions Group1,Hexavalent Chromium,Trivalent Chromium. This data package contains results for Ammonia,Anions Group1,Hexavalent Chromium,Trivalent Chromium.

C. Analytical Techniques:
The analysis of Trivalent Chromium was based on method 6010D, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Anions Group1 was based on method 9056A and The analysis of Ammonia was based on method SM4500-NH3.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (COMP-4MS) analysis met criteria for all compounds except for Anions Group1(Fluoride) due to sample matrix interference.
The Matrix Spike Duplicate (COMP-4MSD) analysis met criteria for all compounds except for Anions Group1(Fluoride) due to sample matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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Signature_____

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Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2807

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/20/2025

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LAB CHRONICLE

OrderID:	Q2807	**OrderDate:**	8/8/2025 10:01:00 AM
Client:	Kleinfelder	**Project:**	Girard School - PA
Contact:	Mark Warchol	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2807-01	**COMP-4**	**SOIL**			**08/07/25**			**08/08/25**
			VOCMS Group1	8260D			08/11/25	
Q2807-02	**COMP-5**	**SOIL**			**08/07/25**			**08/08/25**
			VOCMS Group1	8260D			08/11/25	
Q2807-03	**COMP-6**	**SOIL**			**08/07/25**			**08/08/25**
			VOCMS Group1	8260D			08/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2807

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4	SDG No.:	Q2807
Lab Sample ID:	Q2807-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.1
Sample Wt/Vol:	5.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032063.D	1	08/11/25 14:00	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.86	U	0.86	5.50	ug/Kg
79-01-6	Trichloroethene	0.89	U	0.89	5.50	ug/Kg
108-88-3	Toluene	0.85	U	0.85	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	5.50	ug/Kg
1330-20-7	Total Xylenes	2.30	U	2.30	16.4	ug/Kg
98-82-8	Isopropylbenzene	0.85	U	0.85	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	49.7		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		17 - 146	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	7.953			
540-36-3	1,4-Difluorobenzene	364000	8.849			
3114-55-4	Chlorobenzene-d5	350000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	166000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-5	SDG No.:	Q2807
Lab Sample ID:	Q2807-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.5
Sample Wt/Vol:	5.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032064.D	1	08/11/25 14:22	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.79	U	0.79	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.98	U	0.98	5.30	ug/Kg
71-43-2	Benzene	0.83	U	0.83	5.30	ug/Kg
79-01-6	Trichloroethene	0.85	U	0.85	5.30	ug/Kg
108-88-3	Toluene	0.82	U	0.82	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	5.30	ug/Kg
1330-20-7	Total Xylenes	2.16	U	2.16	15.8	ug/Kg
98-82-8	Isopropylbenzene	0.82	U	0.82	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	48.1		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		17 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	7.965			
540-36-3	1,4-Difluorobenzene	390000	8.855			
3114-55-4	Chlorobenzene-d5	377000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	182000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6	SDG No.:	Q2807
Lab Sample ID:	Q2807-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.6
Sample Wt/Vol:	5.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032065.D	1	08/11/25 14:44	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.81	U	0.81	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
71-43-2	Benzene	0.85	U	0.85	5.40	ug/Kg
79-01-6	Trichloroethene	0.87	U	0.87	5.40	ug/Kg
108-88-3	Toluene	0.84	U	0.84	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	5.40	ug/Kg
1330-20-7	Total Xylenes	2.19	U	2.19	16.2	ug/Kg
98-82-8	Isopropylbenzene	0.84	U	0.84	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.3		63 - 155	115%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	53.0		74 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1		17 - 146	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	171000	7.965			
540-36-3	1,4-Difluorobenzene	362000	8.849			
3114-55-4	Chlorobenzene-d5	359000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	176000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2807-01	COMP-4	1,2-Dichloroethane-d4	50	52.0	104		63	155
		Dibromofluoromethane	50	50.4	101		70	134
		Toluene-d8	50	49.7	99		74	123
		4-Bromofluorobenzene	50	47.8	96		17	146
Q2807-02	COMP-5	1,2-Dichloroethane-d4	50	49.3	99		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	48.1	96		74	123
		4-Bromofluorobenzene	50	48.3	97		17	146
Q2807-03	COMP-6	1,2-Dichloroethane-d4	50	57.3	115		63	155
		Dibromofluoromethane	50	53.5	107		70	134
		Toluene-d8	50	53.0	106		74	123
		4-Bromofluorobenzene	50	56.1	112		17	146
VW0811SBL01	VW0811SBL01	1,2-Dichloroethane-d4	50	52.6	105		63	155
		Dibromofluoromethane	50	47.8	96		70	134
		Toluene-d8	50	49.1	98		74	123
		4-Bromofluorobenzene	50	47.4	95		17	146
VW0811SBS01	VW0811SBS01	1,2-Dichloroethane-d4	50	50.8	102		63	155
		Dibromofluoromethane	50	48.9	98		70	134
		Toluene-d8	50	49.8	100		74	123
		4-Bromofluorobenzene	50	52.4	105		17	146
VW0811SBSD0	VW0811SBSD01	1,2-Dichloroethane-d4	50	49.8	100		63	155
		Dibromofluoromethane	50	47.0	94		70	134
		Toluene-d8	50	48.3	97		74	123
		4-Bromofluorobenzene	50	49.8	100		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** SW8260D

Client: Kleinfelder **Datafile :** VW032061.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0811SBS01	cis-1,2-Dichloroethene	20	21.2	ug/Kg	106			82	123	
	1,1,1-Trichloroethane	20	20.7	ug/Kg	104			80	126	
	Benzene	20	21.0	ug/Kg	105			84	121	
	Trichloroethene	20	20.2	ug/Kg	101			83	122	
	Toluene	20	21.0	ug/Kg	105			83	122	
	Ethyl Benzene	20	20.1	ug/Kg	101			82	124	
	m/p-Xylenes	40	40.9	ug/Kg	102			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Isopropylbenzene	20	19.9	ug/Kg	100			82	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** SW8260D

Client: Kleinfelder **Datafile :** VW032062.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0811SBSD01	cis-1,2-Dichloroethene	20	20.8	ug/Kg	104	2		82	123	20
	1,1,1-Trichloroethane	20	20.4	ug/Kg	102	2		80	126	20
	Benzene	20	20.2	ug/Kg	101	4		84	121	20
	Trichloroethene	20	20.1	ug/Kg	101	0		83	122	20
	Toluene	20	20.5	ug/Kg	103	2		83	122	20
	Ethyl Benzene	20	20.5	ug/Kg	103	2		82	124	20
	m/p-Xylenes	40	40.7	ug/Kg	102	0		83	124	20
	o-Xylene	20	20.4	ug/Kg	102	4		83	123	20
	Isopropylbenzene	20	19.5	ug/Kg	98	2		82	124	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0811SBL01

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2807

Lab File ID: VW032060.D | Lab Sample ID: VW0811SBL01

Date Analyzed: 08/11/2025 | Time Analyzed: 12:18

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0811SBS01	VW0811SBS01	VW032061.D	08/11/2025
VW0811SBSD01	VW0811SBSD01	VW032062.D	08/11/2025
COMP-4	Q2807-01	VW032063.D	08/11/2025
COMP-5	Q2807-02	VW032064.D	08/11/2025
COMP-6	Q2807-03	VW032065.D	08/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: POWE02
Lab Code: ACE
SDG NO.: Q2807
Lab File ID: VW032051.D
BFB Injection Date: 08/11/2025
Instrument ID: MSVOA_W
BFB Injection Time: 07:53
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.3
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	4.9 (7.3) 1
176	95.0 - 101.0% of mass 174	64.2 (95.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW032052.D	08/11/2025	08:25
VSTDICC010	VSTDICC010	VW032053.D	08/11/2025	09:09
VSTDICC020	VSTDICC020	VW032054.D	08/11/2025	09:47
VSTDICCC050	VSTDICCC050	VW032055.D	08/11/2025	10:09
VSTDICC100	VSTDICC100	VW032056.D	08/11/2025	10:46
VSTDICC150	VSTDICC150	VW032057.D	08/11/2025	11:08
VW0811SBL01	VW0811SBL01	VW032060.D	08/11/2025	12:18
VW0811SBS01	VW0811SBS01	VW032061.D	08/11/2025	12:48
VW0811SBSD01	VW0811SBSD01	VW032062.D	08/11/2025	13:10
COMP-4	Q2807-01	VW032063.D	08/11/2025	14:00
COMP-5	Q2807-02	VW032064.D	08/11/2025	14:22
COMP-6	Q2807-03	VW032065.D	08/11/2025	14:44

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2807

Lab File ID: VW032055.D Date Analyzed: 08/11/2025

Instrument ID: MSVOA_W Time Analyzed: 10:09

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	223324	7.96	406973	8.85	378090	11.63
UPPER LIMIT	446648	8.459	813946	9.349	756180	12.129
LOWER LIMIT	111662	7.459	203487	8.349	189045	11.129
EPA SAMPLE NO.						
COMP-4	176773	7.95	364442	8.85	350298	11.63
COMP-5	187413	7.97	390308	8.86	377426	11.64
COMP-6	171327	7.97	362068	8.85	358834	11.63
VW0811SBL01	176404	7.96	391811	8.85	359327	11.64
VW0811SBS01	224181	7.96	427747	8.85	394820	11.63
VW0811SBSD01	226773	7.96	441696	8.85	400240	11.64

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2807

Lab File ID: VW032055.D Date Analyzed: 08/11/2025

Instrument ID: MSVOA_W Time Analyzed: 10:09

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	178995	13.556				
UPPER LIMIT	357990	14.056				
LOWER LIMIT	89497.5	13.056				
EPA SAMPLE NO.						
COMP-4	165686	13.56				
COMP-5	181852	13.56				
COMP-6	176343	13.56				
VW0811SBL01	169733	13.56				
VW0811SBS01	191594	13.56				
VW0811SBSD01	195548	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

 # Column used to flag values outside QC limits with an asterisk.
*** Values outside of QC limits.**

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	VW0811SBL01	SDG No.:	Q2807
Lab Sample ID:	VW0811SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032060.D	1	08/11/25 12:18	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	2.02	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	49.1		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		17 - 146	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	176000	7.959			
540-36-3	1,4-Difluorobenzene	392000	8.849			
3114-55-4	Chlorobenzene-d5	359000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	170000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	VW0811SBS01	SDG No.:	Q2807
Lab Sample ID:	VW0811SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032061.D	1	08/11/25 12:48	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	21.2		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.7		0.93	5.00	ug/Kg
71-43-2	Benzene	21.0		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.2		0.81	5.00	ug/Kg
108-88-3	Toluene	21.0		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	62.1		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.9		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	49.8		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	224000	7.959			
540-36-3	1,4-Difluorobenzene	428000	8.849			
3114-55-4	Chlorobenzene-d5	395000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	192000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	VW0811SBSD01	SDG No.:	Q2807
Lab Sample ID:	VW0811SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032062.D	1	08/11/25 13:10	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
156-59-2	cis-1,2-Dichloroethene	20.8		0.75	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.4		0.93	5.00	ug/Kg
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.1		0.81	5.00	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.5		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	61.1		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.5		0.78	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		63 - 155	100%	SPK: 50
1868-53-7	Dibromofluoromethane	47.0		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	48.3		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		17 - 146	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	227000	7.959			
540-36-3	1,4-Difluorobenzene	442000	8.849			
3114-55-4	Chlorobenzene-d5	400000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	196000	13.556			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG No.: Q2807

Instrument ID: MSVOA_W | Calibration Date(s): 08/11/2025 08/11/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 08:25 11:08

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW032052.D RRF010 = VW032053.D RRF020 = VW032054.D
RRF050 = VW032055.D RRF100 = VW032056.D RRF150 = VW032057.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
cis-1,2-Dichloroethene	0.711	0.736	0.772	0.749	0.775	0.769	0.752	3.3
1,1,1-Trichloroethane	0.960	0.949	0.965	0.872	0.869	0.878	0.915	5.1
Benzene	1.399	1.423	1.439	1.469	1.365	1.398	1.415	2.6
Trichloroethene	0.353	0.334	0.342	0.339	0.319	0.335	0.337	3.3
Toluene	0.837	0.882	0.910	0.932	0.887	0.902	0.892	3.6
Ethyl Benzene	1.714	1.806	1.921	1.870	1.830	1.921	1.843	4.3
m/p-Xylenes	0.645	0.707	0.754	0.731	0.702	0.730	0.711	5.3
o-Xylene	0.578	0.639	0.673	0.681	0.675	0.699	0.657	6.6
Isopropylbenzene	2.910	3.454	3.525	3.657	3.595	3.825	3.494	9
1,2-Dichloroethane-d4	0.746	0.748	0.720	0.716	0.712	0.697	0.723	2.7
Dibromofluoromethane	0.336	0.328	0.326	0.325	0.313	0.311	0.323	3
Toluene-d8	1.175	1.180	1.207	1.245	1.184	1.178	1.195	2.3
4-Bromofluorobenzene	0.428	0.431	0.444	0.460	0.438	0.441	0.440	2.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	Q2807	**OrderDate:**	8/8/2025 10:01:00 AM
Client:	Kleinfelder	**Project:**	Girard School - PA
Contact:	Mark Warchol	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2807-01	**COMP-4**	**SOIL**			**08/07/25**			**08/08/25**
			SVOCMS Group1	8270E		08/11/25	08/12/25	
Q2807-02	**COMP-5**	**SOIL**			**08/07/25**			**08/08/25**
			SVOCMS Group1	8270E		08/11/25	08/12/25	
Q2807-03	**COMP-6**	**SOIL**			**08/07/25**			**08/08/25**
			SVOCMS Group1	8270E		08/11/25	08/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2807

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-5								
Q2807-02	COMP-5	SOIL	Phenanthrene	110.000	J	24.7	200	ug/Kg
Q2807-02	COMP-5	SOIL	Pyrene	120.000	J	42.5	200	ug/Kg
Q2807-02	COMP-5	SOIL	Benzo(a)anthracene	94.400	J	27.1	200	ug/Kg
Q2807-02	COMP-5	SOIL	Chrysene	89.700	J	23.5	200	ug/Kg
Q2807-02	COMP-5	SOIL	Benzo(b)fluoranthene	110.000	J	22.4	200	ug/Kg
Q2807-02	COMP-5	SOIL	Benzo(a)pyrene	85.900	J	34.8	200	ug/Kg
			Total Svoc :	**610.00**				
			Total Concentration:	**610.00**				
Client ID : COMP-6								
Q2807-03	COMP-6	SOIL	Phenanthrene	490.000		25	200	ug/Kg
Q2807-03	COMP-6	SOIL	Anthracene	100.000	J	39.8	200	ug/Kg
Q2807-03	COMP-6	SOIL	Pyrene	520.000		43	200	ug/Kg
Q2807-03	COMP-6	SOIL	Benzo(a)anthracene	380.000		27.5	200	ug/Kg
Q2807-03	COMP-6	SOIL	Chrysene	360.000		23.8	200	ug/Kg
Q2807-03	COMP-6	SOIL	Benzo(b)fluoranthene	390.000		22.7	200	ug/Kg
Q2807-03	COMP-6	SOIL	Benzo(a)pyrene	300.000		35.3	200	ug/Kg
Q2807-03	COMP-6	SOIL	Indeno(1,2,3-cd)pyrene	120.000	J	34.8	200	ug/Kg
Q2807-03	COMP-6	SOIL	Benzo(g,h,i)perylene	140.000	J	30.7	200	ug/Kg
			Total Svoc :	**2,800.00**				
			Total Concentration:	**2,800.00**				

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4	SDG No.:	Q2807
Lab Sample ID:	Q2807-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143355.D	1	08/11/25 09:32	08/12/25 16:02	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.3	U	27.3	200	ug/Kg
86-73-7	Fluorene	30.4	U	30.4	200	ug/Kg
85-01-8	Phenanthrene	25.1	U	25.1	200	ug/Kg
120-12-7	Anthracene	40.0	U	40.0	200	ug/Kg
129-00-0	Pyrene	43.2	U	43.2	200	ug/Kg
56-55-3	Benzo(a)anthracene	27.6	U	27.6	200	ug/Kg
218-01-9	Chrysene	23.9	U	23.9	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.8	U	22.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.4	U	35.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.0	U	35.0	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.9	U	30.9	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	68.0		18 - 107	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.4		20 - 109	68%	SPK: 100
1718-51-0	Terphenyl-d14	54.3		10 - 105	54%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	146000	6.928			
1146-65-2	Naphthalene-d8	551000	8.21			
15067-26-2	Acenaphthene-d10	273000	9.963			
1517-22-2	Phenanthrene-d10	405000	11.451			
1719-03-5	Chrysene-d12	335000	14.086			
1520-96-3	Perylene-d12	410000	15.574			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	08/07/25
Project:	Girard School - PA			Date Received:	08/08/25
Client Sample ID:	COMP-4			SDG No.:	Q2807
Lab Sample ID:	Q2807-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	83.1
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143355.D	1	08/11/25 09:32	08/12/25 16:02	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Kleinfelder			Date Collected:	08/07/25
Project:	Girard School - PA			Date Received:	08/08/25
Client Sample ID:	COMP-5			SDG No.:	Q2807
Lab Sample ID:	Q2807-02			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	84.5
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143354.D	1	08/11/25 09:32	08/12/25 15:33	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	26.8	U	26.8	200	ug/Kg
86-73-7	Fluorene	29.9	U	29.9	200	ug/Kg
85-01-8	Phenanthrene	110	J	24.7	200	ug/Kg
120-12-7	Anthracene	39.3	U	39.3	200	ug/Kg
129-00-0	Pyrene	120	J	42.5	200	ug/Kg
56-55-3	Benzo(a)anthracene	94.4	J	27.1	200	ug/Kg
218-01-9	Chrysene	89.7	J	23.5	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	22.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	85.9	J	34.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.3	U	34.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.3	U	30.3	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	49.3		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.9		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	38.8		10 - 105	39%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	133000	6.928			
1146-65-2	Naphthalene-d8	496000	8.21			
15067-26-2	Acenaphthene-d10	253000	9.963			
1517-22-2	Phenanthrene-d10	396000	11.451			
1719-03-5	Chrysene-d12	326000	14.086			
1520-96-3	Perylene-d12	388000	15.574			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	08/07/25
Project:	Girard School - PA			Date Received:	08/08/25
Client Sample ID:	COMP-5			SDG No.:	Q2807
Lab Sample ID:	Q2807-02			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	84.5
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143354.D	1	08/11/25 09:32	08/12/25 15:33	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6	SDG No.:	Q2807
Lab Sample ID:	Q2807-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143356.D	1	08/11/25 09:32	08/12/25 16:32	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.1	U	27.1	200	ug/Kg
86-73-7	Fluorene	30.2	U	30.2	200	ug/Kg
85-01-8	Phenanthrene	490		25.0	200	ug/Kg
120-12-7	Anthracene	100	J	39.8	200	ug/Kg
129-00-0	Pyrene	520		43.0	200	ug/Kg
56-55-3	Benzo(a)anthracene	380		27.5	200	ug/Kg
218-01-9	Chrysene	360		23.8	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		22.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	300		35.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	34.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	30.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	74.4		18 - 107	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.3		20 - 109	71%	SPK: 100
1718-51-0	Terphenyl-d14	55.8		10 - 105	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	152000	6.928			
1146-65-2	Naphthalene-d8	566000	8.21			
15067-26-2	Acenaphthene-d10	281000	9.963			
1517-22-2	Phenanthrene-d10	410000	11.451			
1719-03-5	Chrysene-d12	352000	14.086			
1520-96-3	Perylene-d12	432000	15.574			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	08/07/25
Project:	Girard School - PA			Date Received:	08/08/25
Client Sample ID:	COMP-6			SDG No.:	Q2807
Lab Sample ID:	Q2807-03			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	83.6
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143356.D	1	08/11/25 09:32	08/12/25 16:32	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169189BL	PB169189BL	Nitrobenzene-d5	100	95.5	96		18	107
		2-Fluorobiphenyl	100	84.7	85		20	109
		Terphenyl-d14	100	97.6	98		10	105
PB169189BS	PB169189BS	Nitrobenzene-d5	100	94.3	94		18	107
		2-Fluorobiphenyl	100	85.3	85		20	109
		Terphenyl-d14	100	87.8	88		10	105
Q2807-01	COMP-4	Nitrobenzene-d5	100	68.0	68		18	107
		2-Fluorobiphenyl	100	68.4	68		20	109
		Terphenyl-d14	100	54.3	54		10	105
Q2807-02	COMP-5	Nitrobenzene-d5	100	49.3	49		18	107
		2-Fluorobiphenyl	100	48.9	49		20	109
		Terphenyl-d14	100	38.8	39		10	105
Q2807-03	COMP-6	Nitrobenzene-d5	100	74.4	74		18	107
		2-Fluorobiphenyl	100	71.3	71		20	109
		Terphenyl-d14	100	55.8	56		10	105
Q2807-03MS	COMP-6MS	Nitrobenzene-d5	100	70.5	70		18	107
		2-Fluorobiphenyl	100	65.9	66		20	109
		Terphenyl-d14	100	53.3	53		10	105
Q2807-03MSD	COMP-6MSD	Nitrobenzene-d5	100	71.1	71		18	107
		2-Fluorobiphenyl	100	64.5	65		20	109
		Terphenyl-d14	100	59.1	59		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BF143357.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2807-03MS		**Client Sample ID: COMP-6MS**									
Naphthalene	2000	0	1700	ug/Kg	85				51	121	
Fluorene	2000	0	1700	ug/Kg	85				53	118	
Phenanthrene	2000	490	2100	ug/Kg	81				52	128	
Anthracene	2000	100	1800	ug/Kg	85				62	124	
Pyrene	2000	520	1600	ug/Kg	54				37	122	
Benzo(a)anthracene	2000	380	2100	ug/Kg	86				53	119	
Chrysene	2000	360	2000	ug/Kg	82				57	121	
Benzo(b)fluoranthene	2000	390	2300	ug/Kg	96				52	117	
Benzo(a)pyrene	2000	300	2100	ug/Kg	90				70	142	
Indeno(1,2,3-cd)pyrene	2000	120	1500	ug/Kg	69				40	129	
Benzo(g,h,i)perylene	2000	140	1500	ug/Kg	68				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** SW8270E

Client: Kleinfelder **DataFile:** BF143358.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2807-03MSD		**Client Sample ID: COMP-6MSD**									
Naphthalene	2000	0	1600	ug/Kg	80		6		51	121	20
Fluorene	2000	0	1700	ug/Kg	85		0		53	118	20
Phenanthrene	2000	490	2100	ug/Kg	81		0		52	128	20
Anthracene	2000	100	1800	ug/Kg	85		0		62	124	20
Pyrene	2000	520	1800	ug/Kg	64		17		37	122	20
Benzo(a)anthracene	2000	380	2100	ug/Kg	86		0		53	119	20
Chrysene	2000	360	2100	ug/Kg	87		6		57	121	20
Benzo(b)fluoranthene	2000	390	2300	ug/Kg	96		0		52	117	20
Benzo(a)pyrene	2000	300	2100	ug/Kg	90		0		70	142	20
Indeno(1,2,3-cd)pyrene	2000	120	1600	ug/Kg	74		7		40	129	20
Benzo(g,h,i)perylene	2000	140	1500	ug/Kg	68		0		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** 8270E

Client: Kleinfelder **DataFile:** BF143353.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169189BS	Naphthalene	1700	1500	ug/Kg	88				62	100	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169189BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2807

Lab File ID: BF143352.D | Lab Sample ID: PB169189BL

Instrument ID: BNA_F | Date Extracted: 08/11/2025

Matrix: (soil/water) SOIL | Date Analyzed: 08/12/2025

Level: (low/med) LOW | Time Analyzed: 14:22

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169189BS	PB169189BS	BF143353.D	08/12/2025
COMP-5	Q2807-02	BF143354.D	08/12/2025
COMP-4	Q2807-01	BF143355.D	08/12/2025
COMP-6	Q2807-03	BF143356.D	08/12/2025
COMP-6MS	Q2807-03MS	BF143357.D	08/12/2025
COMP-6MSD	Q2807-03MSD	BF143358.D	08/12/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q2807

Lab File ID: BF143342.D DFTPP Injection Date: 08/12/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143343.D	08/12/2025	09:03
SSTDICC005	SSTDICC005	BF143344.D	08/12/2025	09:34
SSTDICC010	SSTDICC010	BF143345.D	08/12/2025	10:04
SSTDICC020	SSTDICC020	BF143346.D	08/12/2025	10:35
SSTDICCC040	SSTDICCC040	BF143347.D	08/12/2025	11:06
SSTDICC050	SSTDICC050	BF143348.D	08/12/2025	11:37
SSTDICC060	SSTDICC060	BF143349.D	08/12/2025	12:07
SSTDICC080	SSTDICC080	BF143350.D	08/12/2025	12:38
PB169189BL	PB169189BL	BF143352.D	08/12/2025	14:22
PB169189BS	PB169189BS	BF143353.D	08/12/2025	14:53
COMP-5	Q2807-02	BF143354.D	08/12/2025	15:33
COMP-4	Q2807-01	BF143355.D	08/12/2025	16:02
COMP-6	Q2807-03	BF143356.D	08/12/2025	16:32
COMP-6MS	Q2807-03MS	BF143357.D	08/12/2025	17:02
COMP-6MSD	Q2807-03MSD	BF143358.D	08/12/2025	17:32

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2807

Client ID : SSTDICCC040 Date Analyzed: 08/12/2025

Lab File ID: BF143347.D Time Analyzed: 11:06

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	167361	6.934	655032	8.21	345532	9.97
	UPPER LIMIT	334722	7.434	1310060	8.71	691064	10.469
	LOWER LIMIT	83680.5	6.434	327516	7.71	172766	9.469
	EPA SAMPLE NO.						
01	PB169189BL	164595	6.93	636089	8.21	350207	9.96
02	PB169189BS	165936	6.93	641337	8.21	345183	9.97
03	COMP-4	146370	6.93	551165	8.21	273111	9.96
04	COMP-5	133341	6.93	496028	8.21	252686	9.96
05	COMP-6	152247	6.93	565615	8.21	280798	9.96
06	COMP-6MS	156492	6.93	586819	8.21	297224	9.96
07	COMP-6MSD	182920	6.93	692344	8.21	366844	9.97

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2807

Client ID: SSTDICCC040 Date Analyzed: 08/12/2025

Lab File ID: BF143347.D Time Analyzed: 11:06

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	517467	11.451	290137	14.092	328158	15.58
	UPPER LIMIT	1034930	11.951	580274	14.592	656316	16.08
	LOWER LIMIT	258734	10.951	145069	13.592	164079	15.08
	EPA SAMPLE NO.						
01	PB169189BL	576646	11.45	343112	14.09	274972	15.58
02	PB169189BS	531787	11.45	305054	14.09	338125	15.58
03	COMP-4	405137	11.45	334879	14.09	409754	15.57
04	COMP-5	396419	11.45	326252	14.09	388136	15.57
05	COMP-6	410381	11.45	352203	14.09	431956	15.57
06	COMP-6MS	432448	11.45	390031	14.09	473134	15.58
07	COMP-6MSD	555468	11.45	416428	14.09	485253	15.58

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169189BL			SDG No.:	Q2807
Lab Sample ID:	PB169189BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143352.D	1	08/11/25 09:32	08/12/25 14:22	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	95.5		18 - 107	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.7		20 - 109	85%	SPK: 100
1718-51-0	Terphenyl-d14	97.6		10 - 105	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	165000	6.928			
1146-65-2	Naphthalene-d8	636000	8.21			
15067-26-2	Acenaphthene-d10	350000	9.963			
1517-22-2	Phenanthrene-d10	577000	11.451			
1719-03-5	Chrysene-d12	343000	14.086			
1520-96-3	Perylene-d12	275000	15.58			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169189BL			SDG No.:	Q2807
Lab Sample ID:	PB169189BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143352.D	1	08/11/25 09:32	08/12/25 14:22	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169189BS			SDG No.:	Q2807
Lab Sample ID:	PB169189BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143353.D	1	08/11/25 09:32	08/12/25 14:53	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	94.3		18 - 107	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.3		20 - 109	85%	SPK: 100
1718-51-0	Terphenyl-d14	87.8		10 - 105	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	6.928			
1146-65-2	Naphthalene-d8	641000	8.21			
15067-26-2	Acenaphthene-d10	345000	9.969			
1517-22-2	Phenanthrene-d10	532000	11.451			
1719-03-5	Chrysene-d12	305000	14.092			
1520-96-3	Perylene-d12	338000	15.58			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Girard School - PA			Date Received:	
Client Sample ID:	PB169189BS			SDG No.:	Q2807
Lab Sample ID:	PB169189BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143353.D	1	08/11/25 09:32	08/12/25 14:53	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6MS	SDG No.:	Q2807
Lab Sample ID:	Q2807-03MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143357.D	1	08/11/25 09:32	08/12/25 17:02	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1700		27.1	200	ug/Kg
86-73-7	Fluorene	1700		30.2	200	ug/Kg
85-01-8	Phenanthrene	2100		25.0	200	ug/Kg
120-12-7	Anthracene	1800		39.8	200	ug/Kg
129-00-0	Pyrene	1600		43.0	200	ug/Kg
56-55-3	Benzo(a)anthracene	2100		27.5	200	ug/Kg
218-01-9	Chrysene	2000		23.8	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		22.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	2100		35.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		34.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		30.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	70.5		18 - 107	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.9		20 - 109	66%	SPK: 100
1718-51-0	Terphenyl-d14	53.3		10 - 105	53%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	156000	6.928			
1146-65-2	Naphthalene-d8	587000	8.21			
15067-26-2	Acenaphthene-d10	297000	9.963			
1517-22-2	Phenanthrene-d10	432000	11.451			
1719-03-5	Chrysene-d12	390000	14.092			
1520-96-3	Perylene-d12	473000	15.58			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	08/07/25
Project:	Girard School - PA			Date Received:	08/08/25
Client Sample ID:	COMP-6MS			SDG No.:	Q2807
Lab Sample ID:	Q2807-03MS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	83.6
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143357.D	1	08/11/25 09:32	08/12/25 17:02	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6MSD	SDG No.:	Q2807
Lab Sample ID:	Q2807-03MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143358.D	1	08/11/25 09:32	08/12/25 17:32	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		27.1	200	ug/Kg
86-73-7	Fluorene	1700		30.2	200	ug/Kg
85-01-8	Phenanthrene	2100		24.9	200	ug/Kg
120-12-7	Anthracene	1800		39.7	200	ug/Kg
129-00-0	Pyrene	1800		43.0	200	ug/Kg
56-55-3	Benzo(a)anthracene	2100		27.4	200	ug/Kg
218-01-9	Chrysene	2100		23.7	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		22.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	2100		35.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		34.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		30.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	71.1		18 - 107	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.5		20 - 109	65%	SPK: 100
1718-51-0	Terphenyl-d14	59.1		10 - 105	59%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	183000	6.928			
1146-65-2	Naphthalene-d8	692000	8.21			
15067-26-2	Acenaphthene-d10	367000	9.969			
1517-22-2	Phenanthrene-d10	555000	11.451			
1719-03-5	Chrysene-d12	416000	14.092			
1520-96-3	Perylene-d12	485000	15.58			

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Report of Analysis

Client:	Kleinfelder			Date Collected:	08/07/25
Project:	Girard School - PA			Date Received:	08/08/25
Client Sample ID:	COMP-6MSD			SDG No.:	Q2807
Lab Sample ID:	Q2807-03MSD			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	83.6
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143358.D	1	08/11/25 09:32	08/12/25 17:32	PB169189

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 12 13:25:39 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143343.D 5 =BF143344.D 10 =BF143345.D 20 =BF143346.D 40 =BF143347.D 50 =BF143348.D 60 =BF143349.D 80 =BF1433
50.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.606	0.582	0.614	0.596	0.592	0.612	0.586	0.598	2.12
3)		Pyridine		1.476	1.573	1.597	1.615	1.623	1.668	1.613	1.595	3.75
4)		n-Nitrosodimet...			0.686	0.711	0.759	0.762	0.776	0.764	0.743	4.80
5)	S	2-Fluorophenol		1.155	1.170	1.207	1.179	1.143	1.151	1.090	1.157	3.15
6)		Aniline		2.162	2.139	2.178	2.119	2.029	2.057	1.954	2.091	3.88
7)	S	Phenol-d6		1.527	1.505	1.541	1.500	1.447	1.475	1.386	1.483	3.58
8)		2-Chlorophenol		1.167	1.215	1.272	1.259	1.240	1.271	1.227	1.236	3.01
9)		Benzaldehyde			1.109	1.106	1.011	0.875	0.800		0.980	14.15
10)	C	Phenol		1.823	1.791	1.843	1.783	1.721	1.734	1.604	1.757	4.56
11)		bis(2-Chloroet...		1.357	1.304	1.333	1.306	1.252	1.279	1.235	1.295	3.34
12)		1,3-Dichlorobe...		1.551	1.479	1.482	1.432	1.364	1.386	1.285	1.425	6.21
13)	C	1,4-Dichlorobe...		1.576	1.510	1.485	1.414	1.370	1.366	1.294	1.431	6.82
14)		1,2-Dichlorobe...		1.486	1.416	1.407	1.347	1.295	1.309	1.247	1.358	6.09
15)		Benzyl Alcohol			0.980	1.069	1.088	1.066	1.097	1.079	1.063	3.98
16)		2,2'-oxybis(1-...		2.521	2.408	2.435	2.317	2.214	2.224	2.065	2.312	6.76
17)		2-Methylphenol		1.017	1.038	1.077	1.064	1.036	1.059	1.012	1.043	2.35
18)		Hexachloroethane		0.425	0.433	0.460	0.462	0.449	0.466	0.444	0.449	3.42
19)	P	n-Nitroso-di-n...	0.956	0.992	0.942	0.957	0.910	0.863	0.875	0.837	0.916	5.89
20)		3+4-Methylphenols			1.331	1.373	1.288	1.227	1.227	1.125	1.262	7.00
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.500	0.478	0.475	0.429	0.404	0.417	0.381	0.441	9.98
23)	S	Nitrobenzene-d5		0.277	0.304	0.339	0.336	0.328	0.341	0.324	0.321	7.17
24)		Nitrobenzene		0.322	0.329	0.366	0.359	0.352	0.367	0.347	0.349	5.02
25)		Isophorone		0.692	0.662	0.683	0.645	0.627	0.651	0.630	0.656	3.79
26)	C	2-Nitrophenol		0.069	0.085	0.109	0.126	0.134	0.151	0.150	0.118	26.89
27)		2,4-Dimethylph...		0.259	0.261	0.288	0.279	0.275	0.285	0.267	0.274	4.15
28)		bis(2-Chloroet...		0.424	0.410	0.425	0.396	0.383	0.396	0.369	0.400	5.19
29)	C	2,4-Dichloroph...		0.243	0.256	0.286	0.275	0.270	0.279	0.262	0.267	5.54
30)		1,2,4-Trichlor...		0.299	0.290	0.299	0.277	0.269	0.278	0.260	0.282	5.30
31)		Naphthalene		1.083	1.023	1.029	0.944	0.901	0.917	0.839	0.962	8.88
32)		Benzoic acid			0.069	0.085	0.108	0.120	0.136	0.142	0.110	25.83
33)		4-Chloroaniline		0.362	0.350	0.367	0.345	0.334	0.345	0.326	0.347	4.13
34)	C	Hexachlorobuta...		0.185	0.181	0.187	0.175	0.166	0.171	0.161	0.175	5.49
35)		Caprolactam			0.061	0.073	0.079	0.078	0.081	0.079	0.075	9.95
36)	C	4-Chloro-3-met...		0.270	0.274	0.296	0.286	0.279	0.286	0.270	0.280	3.54
37)		2-Methylnaphth...		0.720	0.673	0.681	0.622	0.591	0.593	0.548	0.633	9.63
38)		1-Methylnaphth...		0.690	0.654	0.653	0.595	0.568	0.574	0.531	0.609	9.38

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.588	0.566	0.575	0.542	0.524	0.537	0.499	0.547	5.66
41)	P	Hexachlorocycl...		0.088	0.130	0.167	0.172	0.192	0.201	0.158	26.72
42)	S	2,4,6-Tribromo...	0.105	0.127	0.149	0.160	0.160	0.164	0.159	0.146	15.13
43)	C	2,4,6-Trichlor...	0.242	0.272	0.316	0.334	0.328	0.343	0.338	0.311	12.43
44)		2,4,5-Trichlor...	0.307	0.308	0.366	0.377	0.364	0.370	0.361	0.351	8.48
45)	S	2-Fluorobiphenyl	1.444	1.332	1.285	1.132	1.060	1.052	0.951	1.179	15.06
46)		1,1'-Biphenyl	1.613	1.506	1.516	1.389	1.317	1.335	1.223	1.414	9.63
47)		2-Chloronaphth...	1.216	1.176	1.180	1.095	1.046	1.081	1.003	1.114	7.06
48)		2-Nitroaniline	0.188	0.223	0.279	0.309	0.321	0.336	0.330	0.284	20.23
49)		Acenaphthylene	1.759	1.682	1.719	1.588	1.525	1.541	1.444	1.608	7.13
50)		Dimethylphthalate	1.160	1.178	1.244	1.180	1.144	1.171	1.103	1.169	3.66
51)		2,6-Dinitrotol...	0.125	0.147	0.188	0.213	0.219	0.234	0.228	0.193	21.87
52)	C	Acenaphthene	1.208	1.127	1.121	1.054	1.012	1.017	0.945	1.069	8.28
53)		3-Nitroaniline	0.159	0.193	0.250	0.261	0.265	0.281	0.266	0.239	18.92
54)	P	2,4-Dinitrophenol		0.030	0.046	0.066	0.073	0.086	0.092	0.065	36.52
55)		Dibenzofuran	1.757	1.641	1.634	1.511	1.438	1.446	1.346	1.539	9.33
56)	P	4-Nitrophenol		0.096	0.147	0.173	0.180	0.194	0.190	0.163	22.52
57)		2,4-Dinitrotol...	0.154	0.191	0.257	0.289	0.296	0.308	0.297	0.256	23.42
58)		Fluorene	1.381	1.288	1.251	1.142	1.091	1.089	0.986	1.175	11.65
59)		2,3,4,6-Tetrac...	0.172	0.188	0.236	0.255	0.258	0.276	0.270	0.236	17.33
60)		Diethylphthalate	1.011	1.061	1.132	1.081	1.037	1.031	0.974	1.047	4.84
61)		4-Chlorophenyl...	0.645	0.601	0.600	0.563	0.533	0.536	0.498	0.568	8.84
62)		4-Nitroaniline	0.174	0.202	0.253	0.249	0.248	0.253	0.242	0.232	13.40
63)		Azobenzene	1.302	1.228	1.285	1.193	1.147	1.149	1.065	1.196	6.99
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.036	0.054	0.071	0.077	0.087	0.091	0.069	29.75
66)	c	n-Nitrosodiphe...	0.693	0.670	0.674	0.655	0.639	0.651	0.627	0.659	3.38
67)		4-Bromophenyl-...	0.232	0.222	0.232	0.231	0.227	0.231	0.226	0.229	1.65
68)		Hexachlorobenzene	0.258	0.249	0.250	0.244	0.237	0.248	0.240	0.247	2.76
69)		Atrazine	0.147	0.157	0.187	0.178	0.180	0.182	0.173	0.172	8.45
70)	C	Pentachlorophenol		0.058	0.087	0.108	0.113	0.120	0.122	0.101	24.06
71)		Phenanthrene	1.214	1.159	1.156	1.081	1.022	1.034	0.973	1.091	8.02
72)		Anthracene	1.225	1.168	1.184	1.088	1.043	1.057	0.980	1.107	7.97
73)		Carbazole	1.049	1.000	1.017	0.934	0.879	0.893	0.825	0.942	8.71
74)		Di-n-butylphth...	0.674	0.739	0.889	0.864	0.819	0.817	0.780	0.798	9.24
75)	C	Fluoranthene	1.120	1.054	1.051	0.917	0.873	0.856	0.820	0.956	12.27
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.541	0.653	0.591	0.549	0.511	0.434	0.547	13.50
78)		Pyrene	1.924	1.963	1.910	1.661	1.513	1.460	1.315	1.678	15.44
79)	S	Terphenyl-d14	1.337	1.346	1.297	1.089	0.976	0.957	0.841	1.120	18.44
80)		Butylbenzylpht...	0.179	0.208	0.272	0.303	0.320	0.346	0.359	0.284	24.15
81)		Benzo(a)anthra...	1.335	1.224	1.339	1.258	1.229	1.309	1.205	1.271	4.37
82)		3,3'-Dichlorob...		0.255	0.327	0.364	0.374	0.382	0.358	0.343	13.77
83)		Chrysene	1.270	1.249	1.199	1.175	1.163	1.143	1.098	1.185	5.06
84)		Bis(2-ethylhex...	0.228	0.277	0.348	0.441	0.478	0.520	0.531	0.403	29.82
85)	c	Di-n-octyl pht...		0.545	0.692	0.888	0.945	1.045	1.047	0.860	23.52

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.401	1.455	1.479	1.449	1.392	1.443	1.411	1.433	2.24
88)		Benzo(b)fluora...	1.172	1.027	1.092	1.118	1.046	1.147	1.054	1.094	4.98
89)		Benzo(k)fluora...	1.064	1.080	1.158	1.036	1.053	1.022	1.027	1.063	4.41
90)	C	Benzo(a)pyrene	1.049	1.011	1.060	1.033	1.012	1.039	1.008	1.030	1.99
91)		Dibenzo(a,h)an...	1.129	1.162	1.184	1.170	1.119	1.155	1.094	1.145	2.77
92)		Benzo(g,h,i)pe...	1.108	1.192	1.188	1.169	1.124	1.168	1.123	1.153	2.94

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2807	**OrderDate:**	8/8/2025 10:01:00 AM
Client:	Kleinfelder	**Project:**	Girard School - PA
Contact:	Mark Warchol	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2807-01	**COMP-4**	**SOIL**			**08/07/25**			**08/08/25**
			PCB Group1	8082A		08/11/25	08/11/25	
			PESTICIDE Group1	8081B		08/11/25	08/11/25	
Q2807-02	**COMP-5**	**SOIL**			**08/07/25**			**08/08/25**
			PCB Group1	8082A		08/11/25	08/12/25	
			PESTICIDE Group1	8081B		08/11/25	08/13/25	
Q2807-03	**COMP-6**	**SOIL**			**08/07/25**			**08/08/25**
			PCB Group1	8082A		08/11/25	08/11/25	
			PESTICIDE Group1	8081B		08/11/25	08/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2807 **Order ID:** Q2807

Client: Kleinfelder **Project ID:** Girard School - PA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4	SDG No.:	Q2807
Lab Sample ID:	Q2807-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.1 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089844.D	1	08/11/25 08:31	08/11/25 20:04	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.5		20 - 144	122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	29.3		19 - 148	146%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-5	SDG No.:	Q2807
Lab Sample ID:	Q2807-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.5 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089881.D	1	08/11/25 08:31	08/13/25 13:54	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	28.8		20 - 144	144%	SPK: 20
877-09-8	Tetrachloro-m-xylene	32.5	*	19 - 148	163%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6	SDG No.:	Q2807
Lab Sample ID:	Q2807-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089848.D	1	08/11/25 08:31	08/11/25 20:58	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.1		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		19 - 148	94%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD089685.D	PIBLK-PD089685.D	Decachlorobiphen	1	20	20.9	104		57	171
		Tetrachloro-m-xyl	1	20	19.6	98		61	148
		Decachlorobiphen	2	20	20.9	104		57	171
		Tetrachloro-m-xyl	2	20	20.4	102		61	148
I.BLK-PD089835.D	PIBLK-PD089835.D	Decachlorobiphen	1	20	18.9	94		57	171
		Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	22.1	110		57	171
		Tetrachloro-m-xyl	2	20	24.2	121		61	148
PB169187BL	PB169187BL	Decachlorobiphen	1	20	18.7	94		20	144
		Tetrachloro-m-xyl	1	20	18.6	93		19	148
		Decachlorobiphen	2	20	21.8	109		20	144
		Tetrachloro-m-xyl	2	20	23.6	118		19	148
PB169187BS	PB169187BS	Decachlorobiphen	1	20	21.1	105		20	144
		Tetrachloro-m-xyl	1	20	21.0	105		19	148
		Decachlorobiphen	2	20	24.7	124		20	144
		Tetrachloro-m-xyl	2	20	26.5	133		19	148
I.BLK-PD089841.D	PIBLK-PD089841.D	Decachlorobiphen	1	20	19.1	95		57	171
		Tetrachloro-m-xyl	1	20	19.7	98		61	148
		Decachlorobiphen	2	20	22.4	112		57	171
		Tetrachloro-m-xyl	2	20	24.3	122		61	148
Q2807-01	COMP-4	Decachlorobiphen	1	20	20.9	104		20	144
		Tetrachloro-m-xyl	1	20	24.1	121		19	148
		Decachlorobiphen	2	20	24.5	122		20	144
		Tetrachloro-m-xyl	2	20	29.3	146		19	148
Q2807-01MS	COMP-4MS	Decachlorobiphen	1	20	15.8	79		20	144
		Tetrachloro-m-xyl	1	20	17.4	87		19	148
		Decachlorobiphen	2	20	18.2	91		20	144
		Tetrachloro-m-xyl	2	20	21.9	109		19	148
Q2807-01MSD	COMP-4MSD	Decachlorobiphen	1	20	15.4	77		20	144
		Tetrachloro-m-xyl	1	20	17.5	88		19	148
		Decachlorobiphen	2	20	18.2	91		20	144
		Tetrachloro-m-xyl	2	20	22.1	111		19	148
Q2807-03	COMP-6	Decachlorobiphen	1	20	13.2	66		20	144
		Tetrachloro-m-xyl	1	20	15.3	76		19	148
		Decachlorobiphen	2	20	15.1	76		20	144
		Tetrachloro-m-xyl	2	20	18.8	94		19	148
I.BLK-PD089851.D	PIBLK-PD089851.D	Decachlorobiphen	1	20	16.5	83		57	171
		Tetrachloro-m-xyl	1	20	18.6	93		61	148
		Decachlorobiphen	2	20	13.0	65		57	171
		Tetrachloro-m-xyl	2	20	24.0	120		61	148
I.BLK-PD089878.D	PIBLK-PD089878.D	Decachlorobiphen	1	20	19.5	97		57	171

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD089878.D	PIBLK-PD089878.D	Tetrachloro-m-xyl	1	20	19.3	97		61	148
		Decachlorobiphen	2	20	22.9	114		57	171
		Tetrachloro-m-xyl	2	20	24.8	124		61	148
Q2807-02	COMP-5	Decachlorobiphen	1	20	24.3	122		20	144
		Tetrachloro-m-xyl	1	20	26.1	130		19	148
		Decachlorobiphen	2	20	28.8	144		20	144
		Tetrachloro-m-xyl	2	20	32.5	163	*	19	148
I.BLK-PD089885.D	PIBLK-PD089885.D	Decachlorobiphen	1	20	19.3	96		57	171
		Tetrachloro-m-xyl	1	20	19.3	97		61	148
		Decachlorobiphen	2	20	21.5	108		57	171
		Tetrachloro-m-xyl	2	20	24.4	122		61	148

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** 8081B

Client: Kleinfelder **DataFile :** PD089845.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2807-01MS (Column 1)**	**Client Sample ID:**		**COMP-4MS**								
	Aldrin	20	0	20.8	ug/kg	104				49	139	
	Dieldrin	20	0	19.9	ug/kg	100				47	161	
	4,4'-DDE	20	0	20.0	ug/kg	100				55	136	
	4,4'-DDD	20	0	20.5	ug/kg	103				47	163	
	4,4'-DDT	20	0	17.6	ug/kg	88				51	146	
Lab Sample ID:	**Q2807-01MS (Column 2)**	**Client Sample ID:**		**COMP-4MS**								
	Aldrin	20	0	23.6	ug/kg	118				49	139	
	Dieldrin	20	0	23.8	ug/kg	119				47	161	
	4,4'-DDE	20	0	24.1	ug/kg	121				55	136	
	4,4'-DDD	20	0	23.9	ug/kg	119				47	163	
	4,4'-DDT	20	0	23.1	ug/kg	116				51	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** 8081B

Client: Kleinfelder **DataFile :** PD089846.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2807-01MSD (Column 1)**	**Client Sample ID:**		**COMP-4MSD**								
	Aldrin	20	0	20.9	ug/kg	104		0		49	139	20
	Dieldrin	20	0	19.9	ug/kg	100		0		47	161	20
	4,4'-DDE	20	0	20.2	ug/kg	101		1		55	136	20
	4,4'-DDD	20	0	20.4	ug/kg	102		1		47	163	20
	4,4'-DDT	20	0	17.3	ug/kg	86		2		51	146	20
Lab Sample ID:	**Q2807-01MSD (Column 2)**	**Client Sample ID:**		**COMP-4MSD**								
	Aldrin	20	0	23.9	ug/kg	119		1		49	139	20
	Dieldrin	20	0	24.1	ug/kg	121		2		47	161	20
	4,4'-DDE	20	0	24.5	ug/kg	123		2		55	136	20
	4,4'-DDD	20	0	24.0	ug/kg	120		1		47	163	20
	4,4'-DDT	20	0	23.1	ug/kg	116		0		51	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** 8081B

Client: Kleinfelder **Datafile :** PD089838.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169187BS (Column 1)	Aldrin	16.66	16.3	ug/kg	98				82	124	
	Dieldrin	16.66	15.8	ug/kg	95				85	121	
	4,4'-DDE	16.66	15.9	ug/kg	95				81	123	
	4,4'-DDD	16.66	16.1	ug/kg	97				80	131	
	4,4'-DDT	16.66	13.6	ug/kg	82				70	129	
PB169187BS (Column 2)	Aldrin	16.66	19.4	ug/kg	116				82	124	
	Dieldrin	16.66	19.2	ug/kg	115				85	121	
	4,4'-DDE	16.66	19.4	ug/kg	116				81	123	
	4,4'-DDD	16.66	20.1	ug/kg	121				80	131	
	4,4'-DDT	16.66	17.6	ug/kg	106				70	129	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169187BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2807

Lab Sample ID: PB169187BL | Lab File ID: PD089837.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 08/11/2025

Date Analyzed (1): 08/11/2025 | Date Analyzed (2): 08/11/2025

Time Analyzed (1): 18:01 | Time Analyzed (2): 18:01

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169187BS	PB169187BS	PD089838.D	08/11/2025	08/11/2025
COMP-4	Q2807-01	PD089844.D	08/11/2025	08/11/2025
COMP-4MS	Q2807-01MS	PD089845.D	08/11/2025	08/11/2025
COMP-4MSD	Q2807-01MSD	PD089846.D	08/11/2025	08/11/2025
COMP-6	Q2807-03	PD089848.D	08/11/2025	08/11/2025
COMP-5	Q2807-02	PD089881.D	08/13/2025	08/13/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169187BL	SDG No.:	Q2807
Lab Sample ID:	PB169187BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089837.D	1	08/11/25 08:31	08/11/25 18:01	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.8		20 - 144	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.6		19 - 148	118%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	07/31/25
Project:	Girard School - PA	Date Received:	07/31/25
Client Sample ID:	PIBLK-PD089685.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089685.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089685.D	1		07/31/25	pd073125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		61 - 148	102%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/11/25
Project:	Girard School - PA	Date Received:	08/11/25
Client Sample ID:	PIBLK-PD089835.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089835.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089835.D	1		08/11/25	pd081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.1		57 - 171	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.2		61 - 148	121%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/11/25
Project:	Girard School - PA	Date Received:	08/11/25
Client Sample ID:	PIBLK-PD089841.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089841.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089841.D	1		08/11/25	pd081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.4		57 - 171	112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.3		61 - 148	122%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/11/25
Project:	Girard School - PA	Date Received:	08/11/25
Client Sample ID:	PIBLK-PD089851.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089851.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089851.D	1		08/11/25	pd081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.5		57 - 171	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.0		61 - 148	120%	SPK: 20

Comments:

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LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/13/25
Project:	Girard School - PA	Date Received:	08/13/25
Client Sample ID:	PIBLK-PD089878.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089878.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089878.D	1		08/13/25	pd081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		57 - 171	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.8		61 - 148	124%	SPK: 20

Comments:

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/13/25
Project:	Girard School - PA	Date Received:	08/13/25
Client Sample ID:	PIBLK-PD089885.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PD089885.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089885.D	1		08/13/25	pd081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.5		57 - 171	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.4		61 - 148	122%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169187BS	SDG No.:	Q2807
Lab Sample ID:	PB169187BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089838.D	1	08/11/25 08:31	08/11/25 18:14	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	19.4		0.12	1.70	ug/kg
60-57-1	Dieldrin	19.2		0.14	1.70	ug/kg
72-55-9	4,4-DDE	19.4		0.14	1.70	ug/kg
72-54-8	4,4-DDD	20.1		0.15	1.70	ug/kg
50-29-3	4,4-DDT	17.6		0.14	1.70	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		20 - 144	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.5		19 - 148	133%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4MS	SDG No.:	Q2807
Lab Sample ID:	Q2807-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.1 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089845.D	1	08/11/25 08:31	08/11/25 20:17	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	23.6		0.14	2.00	ug/kg
60-57-1	Dieldrin	23.8		0.17	2.00	ug/kg
72-55-9	4,4-DDE	24.1		0.17	2.00	ug/kg
72-54-8	4,4-DDD	23.9		0.18	2.00	ug/kg
50-29-3	4,4-DDT	23.1		0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.2		20 - 144	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		19 - 148	109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4MSD	SDG No.:	Q2807
Lab Sample ID:	Q2807-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.1 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089846.D	1	08/11/25 08:31	08/11/25 20:31	PB169187

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
309-00-2	Aldrin	23.9		0.14	2.00	ug/kg
60-57-1	Dieldrin	24.1		0.17	2.00	ug/kg
72-55-9	4,4-DDE	24.5		0.17	2.00	ug/kg
72-54-8	4,4-DDD	24.0		0.18	2.00	ug/kg
50-29-3	4,4-DDT	23.1		0.17	2.00	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.2		20 - 144	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		19 - 148	111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Instrument ID: ECD_D **Calibration Date(s):** 07/31/2025 07/31/2025

Calibration Times: 11:47 12:41

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD089688.D RT 075 = PD089689.D

RT 050 = PD089690.D RT 025 = PD089691.D RT 005 = PD089692.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
Decachlorobiphenyl	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Dieldrin	6.35	6.35	6.35	6.34	6.35	6.34	6.24	6.44
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: POWE02
SDG NO.: Q2807
Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD089688.D RT 075 = PD089689.D
RT 050 = PD089690.D RT 025 = PD089691.D RT 005 = PD089692.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.18	6.18	6.18	6.18	6.18	6.18	6.08	6.28
Aldrin	4.37	4.37	4.37	4.37	4.37	4.36	4.26	4.46
Decachlorobiphenyl	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Dieldrin	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Tetrachloro-m-xylene	2.88	2.88	2.88	2.88	2.88	2.88	2.78	2.98

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: POWE02
SDG NO.: Q2807
Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD089688.D **CF 075 =** PD089689.D
CF 050 = PD089690.D **CF 025 =** PD089691.D **CF 005 =** PD089692.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3170910000	3047700000	2999940000	2847680000	2907880000	2994820000	4
4,4'-DDE	4003810000	3817790000	3749630000	3527790000	3549710000	3729750000	5
4,4'-DDT	3548070000	3416270000	3370890000	3205660000	3260320000	3360240000	4
Aldrin	4875360000	4656550000	4601860000	4327300000	4363460000	4564910000	5
Decachlorobiphenyl	3483240000	3499950000	3619460000	3726220000	4252410000	3716260000	8
Dieldrin	4482180000	4304270000	4237810000	4013690000	4079190000	4223430000	4
Tetrachloro-m-xylene	2500060000	2427080000	2456600000	2403480000	2545710000	2466590000	2

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: POWE02
SDG NO.: Q2807
Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD089688.D **CF 075 =** PD089689.D
CF 050 = PD089690.D **CF 025 =** PD089691.D **CF 005 =** PD089692.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	17134400000	16787300000	17354900000	17662200000	19224300000	17632600000	5
4,4'-DDE	20430900000	20064600000	20732800000	21183800000	23273600000	21137100000	6
4,4'-DDT	18425400000	17982900000	18452700000	18412200000	18590200000	18372700000	1
Aldrin	21657100000	21218800000	21871300000	22261000000	24245900000	22250800000	5
Decachlorobiphenyl	19095200000	18752300000	19614700000	20093800000	22833900000	20078000000	8
Dieldrin	20963500000	20551400000	21238000000	21609600000	23832300000	21639000000	6
Tetrachloro-m-xylene	15162800000	14913400000	15457700000	15824900000	17830500000	15837800000	7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 17:46 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 17:46 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.36	4.37	4.27	4.47	0.01
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089836.D **Time Analyzed:** 17:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.706	6.604	6.804	49.680	50.000	-0.6
4,4'-DDE	6.196	6.094	6.294	48.390	50.000	-3.2
4,4'-DDT	7.022	6.919	7.119	42.550	50.000	-14.9
Aldrin	5.271	5.169	5.369	50.520	50.000	1.0
Decachlorobiphenyl	9.072	8.971	9.171	44.510	50.000	-11.0
Dieldrin	6.347	6.245	6.445	48.250	50.000	-3.5
Tetrachloro-m-xylene	3.551	3.448	3.648	49.870	50.000	-0.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089836.D **Time Analyzed:** 17:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.925	5.825	6.025	59.960	50.000	19.9
4,4'-DDE	5.370	5.271	5.471	58.750	50.000	17.5
4,4'-DDT	6.179	6.079	6.279	54.910	50.000	9.8
Aldrin	4.364	4.265	4.465	59.080	50.000	18.2
Decachlorobiphenyl	8.067	7.968	8.168	52.190	50.000	4.4
Dieldrin	5.508	5.409	5.609	58.210	50.000	16.4
Tetrachloro-m-xylene	2.877	2.778	2.978	58.280	50.000	16.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 19:50 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Dieldrin	6.34	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 19:50 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.01
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.92	5.93	5.83	6.03	0.01
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089843.D **Time Analyzed:** 19:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.702	6.604	6.804	49.920	50.000	-0.2
4,4'-DDE	6.192	6.094	6.294	48.440	50.000	-3.1
4,4'-DDT	7.017	6.919	7.119	43.190	50.000	-13.6
Aldrin	5.267	5.169	5.369	50.390	50.000	0.8
Decachlorobiphenyl	9.067	8.971	9.171	44.890	50.000	-10.2
Dieldrin	6.343	6.245	6.445	48.220	50.000	-3.6
Tetrachloro-m-xylene	3.548	3.448	3.648	49.870	50.000	-0.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089843.D **Time Analyzed:** 19:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.924	5.825	6.025	60.370	50.000	20.7
4,4'-DDE	5.370	5.271	5.471	59.310	50.000	18.6
4,4'-DDT	6.178	6.079	6.279	56.010	50.000	12.0
Aldrin	4.365	4.265	4.465	59.550	50.000	19.1
Decachlorobiphenyl	8.066	7.968	8.168	53.090	50.000	6.2
Dieldrin	5.508	5.409	5.609	58.960	50.000	17.9
Tetrachloro-m-xylene	2.878	2.778	2.978	58.790	50.000	17.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 22:21 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Dieldrin	6.34	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 22:21 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.01
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.92	5.93	5.83	6.03	0.01
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089852.D **Time Analyzed:** 22:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.701	6.604	6.804	46.190	50.000	-7.6
4,4'-DDE	6.192	6.094	6.294	45.170	50.000	-9.7
4,4'-DDT	7.016	6.919	7.119	40.170	50.000	-19.7
Aldrin	5.267	5.169	5.369	49.800	50.000	-0.4
Decachlorobiphenyl	9.067	8.971	9.171	42.060	50.000	-15.9
Dieldrin	6.343	6.245	6.445	44.720	50.000	-10.6
Tetrachloro-m-xylene	3.547	3.448	3.648	51.160	50.000	2.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089852.D **Time Analyzed:** 22:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.924	5.825	6.025	55.240	50.000	10.5
4,4'-DDE	5.370	5.271	5.471	56.680	50.000	13.4
4,4'-DDT	6.178	6.079	6.279	48.610	50.000	-2.8
Aldrin	4.365	4.265	4.465	59.560	50.000	19.1
Decachlorobiphenyl	8.065	7.968	8.168	40.150	50.000	-19.7
Dieldrin	5.508	5.409	5.609	55.340	50.000	10.7
Tetrachloro-m-xylene	2.876	2.778	2.978	59.860	50.000	19.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 12:17 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.07	8.97	9.17	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
Aldrin	5.28	5.27	5.17	5.37	-0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 12:17 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089880.D **Time Analyzed:** 12:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.710	6.604	6.804	46.470	50.000	-7.1
4,4'-DDE	6.202	6.094	6.294	46.920	50.000	-6.2
4,4'-DDT	7.026	6.919	7.119	45.880	50.000	-8.2
Aldrin	5.276	5.169	5.369	47.220	50.000	-5.6
Decachlorobiphenyl	9.078	8.971	9.171	44.930	50.000	-10.1
Dieldrin	6.352	6.245	6.445	46.360	50.000	-7.3
Tetrachloro-m-xylene	3.554	3.448	3.648	47.050	50.000	-5.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089880.D **Time Analyzed:** 12:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.927	5.825	6.025	56.590	50.000	13.2
4,4'-DDE	5.373	5.271	5.471	56.850	50.000	13.7
4,4'-DDT	6.181	6.079	6.279	58.380	50.000	16.8
Aldrin	4.366	4.265	4.465	56.210	50.000	12.4
Decachlorobiphenyl	8.070	7.968	8.168	53.030	50.000	6.1
Dieldrin	5.511	5.409	5.609	56.360	50.000	12.7
Tetrachloro-m-xylene	2.878	2.778	2.978	57.060	50.000	14.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 17:25 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.07	8.97	9.17	-0.01
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
Aldrin	5.28	5.27	5.17	5.37	-0.01
Dieldrin	6.35	6.35	6.25	6.45	0.00
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/13/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 17:25 **Initial Calibration Time(s):** 11:47 12:41

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
Aldrin	4.37	4.37	4.27	4.47	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
4,4'-DDD	5.93	5.93	5.83	6.03	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089886.D **Time Analyzed:** 17:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.711	6.604	6.804	46.040	50.000	-7.9
4,4'-DDE	6.202	6.094	6.294	46.890	50.000	-6.2
4,4'-DDT	7.027	6.919	7.119	44.450	50.000	-11.1
Aldrin	5.277	5.169	5.369	48.350	50.000	-3.3
Decachlorobiphenyl	9.079	8.971	9.171	43.600	50.000	-12.8
Dieldrin	6.353	6.245	6.445	46.440	50.000	-7.1
Tetrachloro-m-xylene	3.556	3.448	3.648	47.750	50.000	-4.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL05 **Date Analyzed:** 08/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089886.D **Time Analyzed:** 17:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.928	5.825	6.025	58.940	50.000	17.9
4,4'-DDE	5.373	5.271	5.471	59.070	50.000	18.1
4,4'-DDT	6.182	6.079	6.279	59.760	50.000	19.5
Aldrin	4.367	4.265	4.465	59.180	50.000	18.4
Decachlorobiphenyl	8.070	7.968	8.168	50.570	50.000	1.1
Dieldrin	5.511	5.409	5.609	58.700	50.000	17.4
Tetrachloro-m-xylene	2.878	2.778	2.978	57.730	50.000	15.5

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089686.D **Date Analyzed:** 07/31/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:47

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	21.540	20.000	7.7
Tetrachloro-m-xylene	3.548	3.500	3.600	20.670	20.000	3.4
alpha-BHC	3.997	3.950	4.050	9.820	10.000	-1.8
beta-BHC	4.514	4.460	4.560	10.760	10.000	7.6
gamma-BHC (Lindane)	4.328	4.280	4.380	10.080	10.000	0.8
Endrin	6.572	6.500	6.640	54.730	50.000	9.5
4,4'-DDT	7.020	6.950	7.090	108.560	100.000	8.6
Methoxychlor	7.491	7.420	7.560	258.930	250.000	3.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089686.D **Date Analyzed:** 07/31/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:47

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.068	7.970	8.170	22.080	20.000	10.4
Tetrachloro-m-xylene	2.878	2.830	2.930	21.990	20.000	10.0
alpha-BHC	3.390	3.340	3.440	11.660	10.000	16.6
beta-BHC	4.022	3.970	4.070	11.840	10.000	18.4
gamma-BHC (Lindane)	3.726	3.680	3.780	11.700	10.000	17.0
Endrin	5.785	5.710	5.860	54.470	50.000	8.9
4,4'-DDT	6.179	6.110	6.250	108.020	100.000	8.0
Methoxychlor	6.750	6.680	6.820	237.190	250.000	-5.1

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089832.D **Date Analyzed:** 08/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:19

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.072	8.970	9.170	19.150	20.000	-4.3
Tetrachloro-m-xylene	3.552	3.500	3.600	21.060	20.000	5.3
alpha-BHC	4.001	3.950	4.050	10.090	10.000	0.9
beta-BHC	4.519	4.470	4.570	11.660	10.000	16.6
gamma-BHC (Lindane)	4.332	4.280	4.380	10.360	10.000	3.6
Endrin	6.576	6.510	6.650	46.780	50.000	-6.4
4,4'-DDT	7.023	6.950	7.090	86.520	100.000	-13.5
Methoxychlor	7.494	7.420	7.560	199.430	250.000	-20.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089832.D **Date Analyzed:** 08/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:19

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.066	7.970	8.170	21.870	20.000	9.4
Tetrachloro-m-xylene	2.877	2.830	2.930	25.200	20.000	26.0
alpha-BHC	3.389	3.340	3.440	13.750	10.000	37.5
beta-BHC	4.021	3.970	4.070	13.770	10.000	37.7
gamma-BHC (Lindane)	3.725	3.670	3.780	13.530	10.000	35.3
Endrin	5.785	5.710	5.860	56.420	50.000	12.8
4,4'-DDT	6.179	6.110	6.250	108.800	100.000	8.8
Methoxychlor	6.749	6.680	6.820	212.750	250.000	-14.9

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089842.D **Date Analyzed:** 08/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 19:09

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.970	9.170	19.560	20.000	-2.2
Tetrachloro-m-xylene	3.547	3.500	3.600	20.480	20.000	2.4
alpha-BHC	3.996	3.950	4.050	9.760	10.000	-2.4
beta-BHC	4.513	4.460	4.560	10.940	10.000	9.4
gamma-BHC (Lindane)	4.327	4.280	4.380	10.110	10.000	1.1
Endrin	6.570	6.500	6.640	47.070	50.000	-5.9
4,4'-DDT	7.017	6.950	7.090	85.820	100.000	-14.2
Methoxychlor	7.489	7.420	7.560	198.370	250.000	-20.7

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089842.D **Date Analyzed:** 08/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 19:09

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.066	7.970	8.170	22.840	20.000	14.2
Tetrachloro-m-xylene	2.878	2.830	2.930	25.380	20.000	26.9
alpha-BHC	3.389	3.340	3.440	13.730	10.000	37.3
beta-BHC	4.021	3.970	4.070	13.770	10.000	37.7
gamma-BHC (Lindane)	3.726	3.680	3.780	13.460	10.000	34.6
Endrin	5.784	5.710	5.850	58.770	50.000	17.5
4,4'-DDT	6.178	6.110	6.250	108.270	100.000	8.3
Methoxychlor	6.748	6.680	6.820	220.930	250.000	-11.6

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089879.D **Date Analyzed:** 08/13/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:13

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	17.920	20.000	-10.4
Tetrachloro-m-xylene	3.550	3.500	3.600	18.300	20.000	-8.5
alpha-BHC	3.999	3.950	4.050	8.690	10.000	-13.1
beta-BHC	4.517	4.470	4.570	10.230	10.000	2.3
gamma-BHC (Lindane)	4.330	4.280	4.380	9.010	10.000	-9.9
Endrin	6.572	6.500	6.640	40.390	50.000	-19.2
4,4'-DDT	7.021	6.950	7.090	72.110	100.000	-27.9
Methoxychlor	7.493	7.420	7.560	168.510	250.000	-32.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089879.D **Date Analyzed:** 08/13/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:13

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.067	7.970	8.170	21.250	20.000	6.3
Tetrachloro-m-xylene	2.877	2.830	2.930	23.100	20.000	15.5
alpha-BHC	3.389	3.340	3.440	12.720	10.000	27.2
beta-BHC	4.022	3.970	4.070	12.330	10.000	23.3
gamma-BHC (Lindane)	3.726	3.680	3.780	12.470	10.000	24.7
Endrin	5.785	5.710	5.860	52.330	50.000	4.7
4,4'-DDT	6.179	6.110	6.250	95.060	100.000	-4.9
Methoxychlor	6.750	6.680	6.820	193.990	250.000	-22.4

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q2807

Project: Girard School - PA **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/31/2025 07/31/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/31/2025	10:33	PD089685.D	9.08	3.56
PEM	PEM	07/31/2025	10:47	PD089686.D	9.07	3.55
RESCHK	RESCHK	07/31/2025	11:34	PD089687.D	9.08	3.56
PSTDICC100	PSTDICC100	07/31/2025	11:47	PD089688.D	9.07	3.55
PSTDICC075	PSTDICC075	07/31/2025	12:01	PD089689.D	9.07	3.55
PSTDICC050	PSTDICC050	07/31/2025	12:14	PD089690.D	9.07	3.55
PSTDICC025	PSTDICC025	07/31/2025	12:28	PD089691.D	9.07	3.55
PSTDICC005	PSTDICC005	07/31/2025	12:41	PD089692.D	9.07	3.55
PCHLORICC500	PCHLORICC500	07/31/2025	13:23	PD089695.D	9.07	3.55
PTOXICC500	PTOXICC500	07/31/2025	14:31	PD089700.D	9.07	3.55
PEM	PEM	08/11/2025	11:19	PD089832.D	9.07	3.55
I.BLK	I.BLK	08/11/2025	16:08	PD089835.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/11/2025	17:46	PD089836.D	9.07	3.55
PB169187BL	PB169187BL	08/11/2025	18:01	PD089837.D	9.07	3.55
PB169187BS	PB169187BS	08/11/2025	18:14	PD089838.D	9.07	3.55
I.BLK	I.BLK	08/11/2025	18:55	PD089841.D	9.07	3.55
PEM	PEM	08/11/2025	19:09	PD089842.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/11/2025	19:50	PD089843.D	9.07	3.55
COMP-4	Q2807-01	08/11/2025	20:04	PD089844.D	9.07	3.55
COMP-4MS	Q2807-01MS	08/11/2025	20:17	PD089845.D	9.07	3.55
COMP-4MSD	Q2807-01MSD	08/11/2025	20:31	PD089846.D	9.07	3.55
COMP-6	Q2807-03	08/11/2025	20:58	PD089848.D	9.07	3.55
I.BLK	I.BLK	08/11/2025	21:40	PD089851.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/11/2025	22:21	PD089852.D	9.07	3.55
I.BLK	I.BLK	08/13/2025	09:58	PD089878.D	9.07	3.55
PEM	PEM	08/13/2025	10:13	PD089879.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/13/2025	12:17	PD089880.D	9.08	3.55
COMP-5	Q2807-02	08/13/2025	13:54	PD089881.D	9.08	3.56
I.BLK	I.BLK	08/13/2025	16:49	PD089885.D	9.08	3.56
PSTDCCC050	PSTDCCC050	08/13/2025	17:25	PD089886.D	9.08	3.56

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q2807

Project: Girard School - PA **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/31/2025 07/31/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/31/2025	10:33	PD089685.D	8.07	2.88
PEM	PEM	07/31/2025	10:47	PD089686.D	8.07	2.88
RESCHK	RESCHK	07/31/2025	11:34	PD089687.D	8.07	2.88
PSTDICC100	PSTDICC100	07/31/2025	11:47	PD089688.D	8.07	2.88
PSTDICC075	PSTDICC075	07/31/2025	12:01	PD089689.D	8.07	2.88
PSTDICC050	PSTDICC050	07/31/2025	12:14	PD089690.D	8.07	2.88
PSTDICC025	PSTDICC025	07/31/2025	12:28	PD089691.D	8.07	2.88
PSTDICC005	PSTDICC005	07/31/2025	12:41	PD089692.D	8.07	2.88
PCHLORICC500	PCHLORICC500	07/31/2025	13:23	PD089695.D	8.07	2.88
PTOXICC500	PTOXICC500	07/31/2025	14:31	PD089700.D	8.07	2.88
PEM	PEM	08/11/2025	11:19	PD089832.D	8.07	2.88
I.BLK	I.BLK	08/11/2025	16:08	PD089835.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/11/2025	17:46	PD089836.D	8.07	2.88
PB169187BL	PB169187BL	08/11/2025	18:01	PD089837.D	8.07	2.88
PB169187BS	PB169187BS	08/11/2025	18:14	PD089838.D	8.07	2.88
I.BLK	I.BLK	08/11/2025	18:55	PD089841.D	8.07	2.88
PEM	PEM	08/11/2025	19:09	PD089842.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/11/2025	19:50	PD089843.D	8.07	2.88
COMP-4	Q2807-01	08/11/2025	20:04	PD089844.D	8.07	2.88
COMP-4MS	Q2807-01MS	08/11/2025	20:17	PD089845.D	8.07	2.88
COMP-4MSD	Q2807-01MSD	08/11/2025	20:31	PD089846.D	8.07	2.88
COMP-6	Q2807-03	08/11/2025	20:58	PD089848.D	8.07	2.88
I.BLK	I.BLK	08/11/2025	21:40	PD089851.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/11/2025	22:21	PD089852.D	8.07	2.88
I.BLK	I.BLK	08/13/2025	09:58	PD089878.D	8.07	2.88
PEM	PEM	08/13/2025	10:13	PD089879.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/13/2025	12:17	PD089880.D	8.07	2.88
COMP-5	Q2807-02	08/13/2025	13:54	PD089881.D	8.07	2.88
I.BLK	I.BLK	08/13/2025	16:49	PD089885.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/13/2025	17:25	PD089886.D	8.07	2.88

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-4MS

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Lab Sample ID: Q2807-01MS **Date(s) Analyzed:** 08/11/2025 08/11/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	20.5	15.3
	2	5.92	5.87	5.97	23.9	
4,4'-DDT	1	7.02	6.97	7.07	17.6	27
	2	6.18	6.13	6.23	23.1	
Aldrin	1	5.27	5.22	5.32	20.8	12.6
	2	4.36	4.31	4.41	23.6	
4,4'-DDE	1	6.19	6.14	6.24	20.0	18.6
	2	5.37	5.32	5.42	24.1	
Dieldrin	1	6.34	6.29	6.39	19.9	17.8
	2	5.51	5.46	5.56	23.8	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-4MSD

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Lab Sample ID: Q2807-01MSD **Date(s) Analyzed:** 08/11/2025 08/11/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	20.4	16.2
	2	5.93	5.88	5.98	24.0	
4,4'-DDT	1	7.02	6.97	7.07	17.3	28.7
	2	6.18	6.13	6.23	23.1	
Aldrin	1	5.27	5.22	5.32	20.9	13.4
	2	4.36	4.31	4.41	23.9	
4,4'-DDE	1	6.19	6.14	6.24	20.2	19.2
	2	5.37	5.32	5.42	24.5	
Dieldrin	1	6.34	6.29	6.39	19.9	19.1
	2	5.51	5.46	5.56	24.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169187BS

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Lab Sample ID: PB169187BS **Date(s) Analyzed:** 08/11/2025 08/11/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	16.1	22.1
	2	5.92	5.87	5.97	20.1	
4,4'-DDT	1	7.02	6.97	7.07	13.6	25.6
	2	6.18	6.13	6.23	17.6	
Aldrin	1	5.27	5.22	5.32	16.3	17.4
	2	4.36	4.31	4.41	19.4	
4,4'-DDE	1	6.19	6.14	6.24	15.9	19.8
	2	5.37	5.32	5.42	19.4	
Dieldrin	1	6.34	6.29	6.39	15.8	19.4
	2	5.51	5.46	5.56	19.2	

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LAB CHRONICLE

OrderID:	Q2807	**OrderDate:**	8/8/2025 10:01:00 AM
Client:	Kleinfelder	**Project:**	Girard School - PA
Contact:	Mark Warchol	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2807-01	**COMP-4**	**SOIL**			**08/07/25**			**08/08/25**
			PCB Group1	8082A		08/11/25	08/11/25	
Q2807-02	**COMP-5**	**SOIL**			**08/07/25**			**08/08/25**
			PCB Group1	8082A		08/11/25	08/12/25	
Q2807-03	**COMP-6**	**SOIL**			**08/07/25**			**08/08/25**
			PCB Group1	8082A		08/11/25	08/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2807 **Order ID:** Q2807

Client: Kleinfelder **Project ID:** Girard School - PA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
			Total Concentration:	**0.000**				

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4	SDG No.:	Q2807
Lab Sample ID:	Q2807-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.1 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112837.D	1	08/11/25 08:30	08/11/25 15:12	PB169186

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.4	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.4	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	28.6		32 - 144	143%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.5		32 - 175	127%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-5	SDG No.:	Q2807
Lab Sample ID:	Q2807-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.5 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112857.D	1	08/11/25 08:30	08/12/25 11:01	PB169186

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.1	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.1	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.9		32 - 144	129%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.3		32 - 175	117%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6	SDG No.:	Q2807
Lab Sample ID:	Q2807-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112841.D	1	08/11/25 08:30	08/11/25 16:24	PB169186

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.3	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.3	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.3		32 - 144	132%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		32 - 175	109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112413.D	PIBLK-PO112413.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	20.0	100		60	140
		Tetrachloro-m-xyl	2	20	19.5	98		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
I.BLK-PO112833.D	PIBLK-PO112833.D	Tetrachloro-m-xyl	1	20	21.9	110		60	140
		Decachlorobiphen	1	20	19.1	96		60	140
		Tetrachloro-m-xyl	2	20	21.1	106		60	140
		Decachlorobiphen	2	20	20.7	103		60	140
PB169186BL	PB169186BL	Tetrachloro-m-xyl	1	20	20.5	103		32	144
		Decachlorobiphen	1	20	18.5	93		32	175
		Tetrachloro-m-xyl	2	20	19.5	98		32	144
		Decachlorobiphen	2	20	20.1	100		32	175
PB169186BS	PB169186BS	Tetrachloro-m-xyl	1	20	18.7	94		32	144
		Decachlorobiphen	1	20	19.2	96		32	175
		Tetrachloro-m-xyl	2	20	17.9	90		32	144
		Decachlorobiphen	2	20	20.9	105		32	175
Q2807-01	COMP-4	Tetrachloro-m-xyl	1	20	28.6	143		32	144
		Decachlorobiphen	1	20	22.7	113		32	175
		Tetrachloro-m-xyl	2	20	27.1	136		32	144
		Decachlorobiphen	2	20	25.5	127		32	175
Q2807-02MS	COMP-5MS	Tetrachloro-m-xyl	1	20	22.5	112		32	144
		Decachlorobiphen	1	20	17.7	88		32	175
		Tetrachloro-m-xyl	2	20	21.5	107		32	144
		Decachlorobiphen	2	20	19.5	97		32	175
Q2807-02MSD	COMP-5MSD	Tetrachloro-m-xyl	1	20	23.4	117		32	144
		Decachlorobiphen	1	20	20.0	100		32	175
		Tetrachloro-m-xyl	2	20	22.3	111		32	144
		Decachlorobiphen	2	20	22.6	113		32	175
Q2807-03	COMP-6	Tetrachloro-m-xyl	1	20	26.3	132		32	144
		Decachlorobiphen	1	20	19.3	96		32	175
		Tetrachloro-m-xyl	2	20	25.3	127		32	144
		Decachlorobiphen	2	20	21.8	109		32	175
I.BLK-PO112848.D	PIBLK-PO112848.D	Tetrachloro-m-xyl	1	20	21.6	108		60	140
		Decachlorobiphen	1	20	17.3	86		60	140
		Tetrachloro-m-xyl	2	20	20.7	104		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
I.BLK-PO112854.D	PIBLK-PO112854.D	Tetrachloro-m-xyl	1	20	20.9	105		60	140
		Decachlorobiphen	1	20	17.2	86		60	140
		Tetrachloro-m-xyl	2	20	20.5	102		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
Q2807-02	COMP-5	Tetrachloro-m-xyl	1	20	25.9	129		32	144

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Surrogate Summary

SDG No.: Q2807

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2807-02	COMP-5	Decachlorobiphen	1	20	19.8	99		32	175
		Tetrachloro-m-xyl	2	20	24.6	123		32	144
		Decachlorobiphen	2	20	23.3	117		32	175
I.BLK-PO112869.D	PIBLK-PO112869.D	Tetrachloro-m-xyl	1	20	20.7	103		60	140
		Decachlorobiphen	1	20	19.2	96		60	140
		Tetrachloro-m-xyl	2	20	20.3	102		60	140
		Decachlorobiphen	2	20	20.5	103		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** 8082A

Client: Kleinfelder **DataFile :** PO112839.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2807-02MS (Column 1)**	**Client Sample ID:**		**COMP-5MS**								
	AR1016	196.9	0	223	ug/kg	113				55	146	
	AR1260	196.9	0	190	ug/kg	96				54	119	
Lab Sample ID:	**Q2807-02MS (Column 2)**	**Client Sample ID:**		**COMP-5MS**								
	AR1016	196.9	0	210	ug/kg	107				55	146	
	AR1260	196.9	0	206	ug/kg	105				54	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** 8082A

Client: Kleinfelder **DataFile :** PO112840.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2807-02MSD (Column 1)**	**Client Sample ID:**		**COMP-5MSD**								
	AR1016	197	0	223	ug/kg	113		0		55	146	15
	AR1260	197	0	207	ug/kg	105		9		54	119	15
Lab Sample ID:	**Q2807-02MSD (Column 2)**	**Client Sample ID:**		**COMP-5MSD**								
	AR1016	197	0	210	ug/kg	107		0		55	146	15
	AR1260	197	0	212	ug/kg	108		3		54	119	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2807 **Analytical Method:** 8082A

Client: Kleinfelder **Datafile :** PO112836.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169186BS (Column 1)	AR1016	166.5	171	ug/kg	103				71	120	
	AR1260	166.5	166	ug/kg	100				65	130	
PB169186BS (Column 2)	AR1016	166.5	161	ug/kg	97				71	120	
	AR1260	166.5	173	ug/kg	104				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169186BL

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q2807

Lab Sample ID: PB169186BL | Lab File ID: PO112835.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 08/11/2025

Date Analyzed (1): 08/11/2025 | Date Analyzed (2): 08/11/2025

Time Analyzed (1): 14:36 | Time Analyzed (2): 14:36

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169186BS	PB169186BS	PO112836.D	08/11/2025	08/11/2025
COMP-4	Q2807-01	PO112837.D	08/11/2025	08/11/2025
COMP-5MS	Q2807-02MS	PO112839.D	08/11/2025	08/11/2025
COMP-5MSD	Q2807-02MSD	PO112840.D	08/11/2025	08/11/2025
COMP-6	Q2807-03	PO112841.D	08/11/2025	08/11/2025
COMP-5	Q2807-02	PO112857.D	08/12/2025	08/12/2025

COMMENTS:

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D

RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.75	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1016-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.24	6.25	6.24	6.25	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.44	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.80	6.80	6.80	6.80	6.80	6.80	6.70	6.90
Aroclor-1260-4	(4)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Aroclor-1260-5	(5)	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
Decachlorobiphenyl		8.70	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Decachlorobiphenyl		8.69	8.69	8.69	8.69	8.70	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Decachlorobiphenyl		8.69	8.69	8.69	8.70	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Decachlorobiphenyl		8.69	8.69	8.70	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Decachlorobiphenyl		8.70	8.70	8.70	8.69	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		RT 1000 =	PO112414.D	RT 750 =	PO112415.D
RT 500 =	PO112416.D	RT 250 =	PO112417.D	RT 050 =	PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1016-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.27	7.26	7.26	7.26	7.27	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.53	5.53	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1254-5	(5)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: POWE02
SDG NO.: Q2807
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO112414.D CF 750 = PO112415.D
CF 500 = PO112416.D CF 250 = PO112417.D CF 050 = PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	281481703	285148303	290849518	279501268	204848240	268365806	13
Aroclor-1016-2	(2)	418001550	431852928	433849136	420704900	326178800	406117463	11
Aroclor-1016-3	(3)	263638281	273794351	273610504	262887848	234438940	261673985	6
Aroclor-1016-4	(4)	216165184	219268720	223332708	213740540	186700200	211841470	6
Aroclor-1016-5	(5)	221113370	228268088	233867428	235369996	178734160	219470608	10
Aroclor-1260-1	(1)	431773857	450001749	476240286	447612572	391026880	439331069	7
Aroclor-1260-2	(2)	673380136	698254531	722944530	686506064	658383800	687893812	3
Aroclor-1260-3	(3)	611274773	627246767	610311884	614713140	476551180	588019549	10
Aroclor-1260-4	(4)	447285263	461047633	473248904	505121600	368319820	451004644	11
Aroclor-1260-5	(5)	1262689005	1283961461	1337121492	1347466800	964454900	1239138732	12
Decachlorobiphenyl		7456684020	7676252293	7829495380	7672255680	5924316000	7311800675	11
Tetrachloro-m-xylene		8554863660	8750848067	8754072420	8314620000	6283438800	8131568589	13
Decachlorobiphenyl		8000645330	8037989413	8087967020	8086832920	6389983800	7720683697	10
Tetrachloro-m-xylene		9125652230	9195232120	9219491440	9207437080	6341808000	8617924174	15
Decachlorobiphenyl		7900018490	8086308400	8195171040	8262080520	6143274400	7717370570	12
Tetrachloro-m-xylene		8946590960	9189061507	9273186240	9357342160	6567561400	8666748453	14
Aroclor-1254-1	(1)	525205609	551869540	568048078	599161796	500508140	548958633	7
Aroclor-1254-2	(2)	467389736	490253857	501431616	531267632	439250900	485918748	7
Aroclor-1254-3	(3)	736681841	765368536	778116616	788008044	653257120	744286431	7
Aroclor-1254-4	(4)	537295054	560529123	571244926	572391952	507057560	549703723	5
Aroclor-1254-5	(5)	713157717	729355651	738947588	743850736	613809420	707824222	7
Decachlorobiphenyl		7810644110	7988158653	8118440840	8069654680	6321650600	7661709777	10
Tetrachloro-m-xylene		8477893750	8928798520	9019842540	9077508800	7004909800	8501790682	10
Decachlorobiphenyl		14538757830	14683927053	14777305700	14801547680	10962984400	13952904533	12
Tetrachloro-m-xylene		8916461140	9229914440	9271431040	9355148600	6516020600	8657795164	14

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: POWE02
SDG NO.: Q2807
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO112414.D CF 750 = PO112415.D
CF 500 = PO112416.D CF 250 = PO112417.D CF 050 = PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	171399488	177928739	180256326	179838608	165612060	175007044	3
Aroclor-1016-2	(2)	254283756	266059885	273532534	272267680	236331280	260495027	6
Aroclor-1016-3	(3)	134555314	139369485	142347070	141007248	122553240	135966471	6
Aroclor-1016-4	(4)	106915956	111683577	115661150	118698688	102464540	111084782	6
Aroclor-1016-5	(5)	139169322	144750759	147937312	152336452	132321220	143303013	5
Aroclor-1260-1	(1)	240286237	254043527	261134446	258041412	229050000	248511124	5
Aroclor-1260-2	(2)	317223235	329626419	335041102	340620804	324956000	329493512	3
Aroclor-1260-3	(3)	256241072	262701627	269297872	275910760	220454080	256921082	8
Aroclor-1260-4	(4)	185740526	193469844	197255514	200936168	179151380	191310686	4
Aroclor-1260-5	(5)	419199446	421594747	433075366	434815624	352283180	412193673	8
Decachlorobiphenyl		1753295660	1820833173	1877801640	1892185680	1491444000	1767112031	9
Tetrachloro-m-xylene		5169666700	5314856493	5330554580	5111206560	3919594600	4969175787	12
Decachlorobiphenyl		1831604040	1871840933	1924104720	1967119920	1579850400	1834904003	8
Tetrachloro-m-xylene		5483238770	5543459253	5573552360	5630865680	4061456200	5258514453	13
Decachlorobiphenyl		1836524820	1878481893	1941164520	1982063240	1517022000	1831051295	10
Tetrachloro-m-xylene		5362990180	5502770333	5558036420	5629888520	4177350800	5246207251	12
Aroclor-1254-1	(1)	308086628	324598995	339171148	360746064	310502200	328621007	6
Aroclor-1254-2	(2)	269579969	283423153	295499466	318260532	280690420	289490708	6
Aroclor-1254-3	(3)	411643535	427646563	444183030	462345912	391487940	427461396	6
Aroclor-1254-4	(4)	256982627	269810957	279068642	286892132	272060980	272963068	4
Aroclor-1254-5	(5)	324913084	333876627	346327314	357344936	307636300	334019652	5
Decachlorobiphenyl		1794065640	1872151533	1910898600	1948005080	1573949600	1819814091	8
Tetrachloro-m-xylene		5135321880	5340323933	5419556800	5524764520	4404208000	5164835027	9
Decachlorobiphenyl		3224484190	3300929360	3351395200	3481054400	2726789400	3216930510	9
Tetrachloro-m-xylene		5326223920	5511724707	5541913900	5672741280	4190979000	5248716561	12

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Instrument ID: _____ **Date(s) Analyzed:** _____ _____

GC Column: _____ **ID:** _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
		1				
		2				
		3				
		4				
		5				

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 09:37 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.79	6.80	6.70	6.90	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 09:37 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.01
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112829.D **Time Analyzed:** 09:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.752	4.655	4.855	562.790	500.000	12.6
Aroclor-1016-2	4.771	4.674	4.874	564.160	500.000	12.8
Aroclor-1016-3	4.827	4.731	4.931	549.990	500.000	10.0
Aroclor-1016-4	4.947	4.851	5.051	551.230	500.000	10.2
Aroclor-1016-5	5.203	5.108	5.308	564.730	500.000	12.9
Aroclor-1260-1	6.239	6.145	6.345	544.060	500.000	8.8
Aroclor-1260-2	6.429	6.333	6.533	527.450	500.000	5.5
Aroclor-1260-3	6.794	6.700	6.900	548.500	500.000	9.7
Aroclor-1260-4	7.053	6.959	7.159	505.950	500.000	1.2
Aroclor-1260-5	7.296	7.203	7.403	494.820	500.000	-1.0
Decachlorobiphenyl	8.685	8.593	8.793	48.270	50.000	-3.5
Tetrachloro-m-xylene	3.666	3.569	3.769	59.620	50.000	19.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112829.D **Time Analyzed:** 09:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.732	4.638	4.838	528.370	500.000	5.7
Aroclor-1016-2	4.750	4.656	4.856	524.210	500.000	4.8
Aroclor-1016-3	4.925	4.831	5.031	506.610	500.000	1.3
Aroclor-1016-4	4.968	4.873	5.073	510.430	500.000	2.1
Aroclor-1016-5	5.180	5.085	5.285	526.910	500.000	5.4
Aroclor-1260-1	6.207	6.113	6.313	527.430	500.000	5.5
Aroclor-1260-2	6.395	6.302	6.502	530.180	500.000	6.0
Aroclor-1260-3	6.546	6.453	6.653	543.660	500.000	8.7
Aroclor-1260-4	7.015	6.923	7.123	544.260	500.000	8.9
Aroclor-1260-5	7.257	7.164	7.364	563.790	500.000	12.8
Decachlorobiphenyl	8.630	8.540	8.740	51.850	50.000	3.7
Tetrachloro-m-xylene	3.659	3.562	3.762	56.290	50.000	12.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 18:50 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/11/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 18:50 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112844.D **Time Analyzed:** 18:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.752	4.655	4.855	532.140	500.000	6.4
Aroclor-1016-2	4.771	4.674	4.874	528.650	500.000	5.7
Aroclor-1016-3	4.828	4.731	4.931	509.980	500.000	2.0
Aroclor-1016-4	4.947	4.851	5.051	517.910	500.000	3.6
Aroclor-1016-5	5.203	5.108	5.308	543.290	500.000	8.7
Aroclor-1260-1	6.239	6.145	6.345	563.200	500.000	12.6
Aroclor-1260-2	6.429	6.333	6.533	524.250	500.000	4.9
Aroclor-1260-3	6.795	6.700	6.900	451.160	500.000	-9.8
Aroclor-1260-4	7.054	6.959	7.159	424.560	500.000	-15.1
Aroclor-1260-5	7.297	7.203	7.403	400.740	500.000	-19.9
Decachlorobiphenyl	8.687	8.593	8.793	48.740	50.000	-2.5
Tetrachloro-m-xylene	3.667	3.569	3.769	54.360	50.000	8.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/11/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112844.D **Time Analyzed:** 18:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.733	4.638	4.838	488.920	500.000	-2.2
Aroclor-1016-2	4.751	4.656	4.856	491.740	500.000	-1.7
Aroclor-1016-3	4.926	4.831	5.031	481.850	500.000	-3.6
Aroclor-1016-4	4.969	4.873	5.073	484.840	500.000	-3.0
Aroclor-1016-5	5.180	5.085	5.285	503.530	500.000	0.7
Aroclor-1260-1	6.208	6.113	6.313	481.150	500.000	-3.8
Aroclor-1260-2	6.396	6.302	6.502	475.820	500.000	-4.8
Aroclor-1260-3	6.548	6.453	6.653	462.550	500.000	-7.5
Aroclor-1260-4	7.017	6.923	7.123	468.560	500.000	-6.3
Aroclor-1260-5	7.259	7.164	7.364	480.810	500.000	-3.8
Decachlorobiphenyl	8.633	8.540	8.740	57.700	50.000	15.4
Tetrachloro-m-xylene	3.659	3.562	3.762	51.730	50.000	3.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 08:54 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.79	6.80	6.70	6.90	0.01
Aroclor-1260-4	(4)	7.05	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.01
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 08:54 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.39	6.40	6.30	6.50	0.01
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112850.D **Time Analyzed:** 08:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.750	4.655	4.855	651.000	500.000	30.2
Aroclor-1016-2	4.769	4.674	4.874	549.480	500.000	9.9
Aroclor-1016-3	4.826	4.731	4.931	565.780	500.000	13.2
Aroclor-1016-4	4.945	4.851	5.051	571.540	500.000	14.3
Aroclor-1016-5	5.202	5.108	5.308	574.860	500.000	15.0
Aroclor-1260-1	6.238	6.145	6.345	579.220	500.000	15.8
Aroclor-1260-2	6.428	6.333	6.533	547.500	500.000	9.5
Aroclor-1260-3	6.794	6.700	6.900	528.750	500.000	5.8
Aroclor-1260-4	7.053	6.959	7.159	498.850	500.000	-0.2
Aroclor-1260-5	7.296	7.203	7.403	553.130	500.000	10.6
Decachlorobiphenyl	8.686	8.593	8.793	46.550	50.000	-6.9
Tetrachloro-m-xylene	3.665	3.569	3.769	60.080	50.000	20.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112850.D **Time Analyzed:** 08:54

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.731	4.638	4.838	532.580	500.000	6.5
Aroclor-1016-2	4.749	4.656	4.856	524.330	500.000	4.9
Aroclor-1016-3	4.924	4.831	5.031	531.470	500.000	6.3
Aroclor-1016-4	4.966	4.873	5.073	529.880	500.000	6.0
Aroclor-1016-5	5.179	5.085	5.285	523.970	500.000	4.8
Aroclor-1260-1	6.206	6.113	6.313	535.240	500.000	7.0
Aroclor-1260-2	6.394	6.302	6.502	538.810	500.000	7.8
Aroclor-1260-3	6.545	6.453	6.653	559.410	500.000	11.9
Aroclor-1260-4	7.015	6.923	7.123	530.130	500.000	6.0
Aroclor-1260-5	7.257	7.164	7.364	549.900	500.000	10.0
Decachlorobiphenyl	8.631	8.540	8.740	52.550	50.000	5.1
Tetrachloro-m-xylene	3.658	3.562	3.762	56.390	50.000	12.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:50 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.01
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

Continuing Calib Date: 08/12/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 15:50 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112865.D **Time Analyzed:** 15:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.751	4.655	4.855	524.640	500.000	4.9
Aroclor-1016-2	4.769	4.674	4.874	553.430	500.000	10.7
Aroclor-1016-3	4.827	4.731	4.931	551.220	500.000	10.2
Aroclor-1016-4	4.947	4.851	5.051	550.720	500.000	10.1
Aroclor-1016-5	5.203	5.108	5.308	584.150	500.000	16.8
Aroclor-1260-1	6.240	6.145	6.345	550.350	500.000	10.1
Aroclor-1260-2	6.430	6.333	6.533	543.410	500.000	8.7
Aroclor-1260-3	6.795	6.700	6.900	570.950	500.000	14.2
Aroclor-1260-4	7.055	6.959	7.159	542.260	500.000	8.5
Aroclor-1260-5	7.297	7.203	7.403	529.970	500.000	6.0
Decachlorobiphenyl	8.687	8.593	8.793	48.970	50.000	-2.1
Tetrachloro-m-xylene	3.667	3.569	3.769	57.760	50.000	15.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **SDG NO.:** Q2807

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/12/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112865.D **Time Analyzed:** 15:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.638	4.838	522.080	500.000	4.4
Aroclor-1016-2	4.751	4.656	4.856	517.090	500.000	3.4
Aroclor-1016-3	4.926	4.831	5.031	516.260	500.000	3.3
Aroclor-1016-4	4.969	4.873	5.073	515.840	500.000	3.2
Aroclor-1016-5	5.181	5.085	5.285	527.110	500.000	5.4
Aroclor-1260-1	6.208	6.113	6.313	523.960	500.000	4.8
Aroclor-1260-2	6.396	6.302	6.502	531.850	500.000	6.4
Aroclor-1260-3	6.547	6.453	6.653	550.200	500.000	10.0
Aroclor-1260-4	7.017	6.923	7.123	543.780	500.000	8.8
Aroclor-1260-5	7.260	7.164	7.364	560.820	500.000	12.2
Decachlorobiphenyl	8.633	8.540	8.740	53.180	50.000	6.4
Tetrachloro-m-xylene	3.659	3.562	3.762	55.270	50.000	10.5

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q2807

Project: Girard School - PA **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.69	3.67
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.69	3.67
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.69	3.67
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.69	3.67
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.69	3.67
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.69	3.67
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.69	3.67
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.69	3.67
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.69	3.67
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.69	3.67
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.69	3.67
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.69	3.67
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.69	3.67
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.69	3.67
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.69	3.67
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.69	3.67
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.69	3.67
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.69	3.67
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.69	3.67
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.69	3.67
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.70	3.67
AR1660CCC500	AR1660CCC500	08/11/2025	09:37	PO112829.D	8.69	3.67
I.BLK	I.BLK	08/11/2025	11:00	PO112833.D	8.69	3.67
PB169186BL	PB169186BL	08/11/2025	14:36	PO112835.D	8.69	3.67
PB169186BS	PB169186BS	08/11/2025	14:54	PO112836.D	8.69	3.67
COMP-4	Q2807-01	08/11/2025	15:12	PO112837.D	8.68	3.67
COMP-5MS	Q2807-02MS	08/11/2025	15:49	PO112839.D	8.69	3.67
COMP-5MSD	Q2807-02MSD	08/11/2025	16:07	PO112840.D	8.69	3.67
COMP-6	Q2807-03	08/11/2025	16:24	PO112841.D	8.68	3.67
AR1660CCC500	AR1660CCC500	08/11/2025	18:50	PO112844.D	8.69	3.67
I.BLK	I.BLK	08/11/2025	20:02	PO112848.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/12/2025	08:54	PO112850.D	8.69	3.67
I.BLK	I.BLK	08/12/2025	10:05	PO112854.D	8.69	3.66
COMP-5	Q2807-02	08/12/2025	11:01	PO112857.D	8.69	3.67

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Analytical Sequence

AR1660CCC500	AR1660CCC500	08/12/2025	15:50	PO112865.D	8.69	3.67
I.BLK	I.BLK	08/12/2025	17:00	PO112869.D	8.69	3.67

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q2807

Project: Girard School - PA **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.64	3.66
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.64	3.66
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.64	3.66
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.64	3.66
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.64	3.66
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.64	3.66
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.64	3.66
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.64	3.66
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.64	3.66
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.64	3.66
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.64	3.66
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.64	3.66
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.64	3.66
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.64	3.66
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.64	3.66
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.64	3.66
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.64	3.66
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.64	3.66
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.64	3.66
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.64	3.66
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.64	3.66
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.64	3.66
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.64	3.66
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.64	3.66
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.64	3.66
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.64	3.66
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.64	3.66
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.64	3.66
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.64	3.66
AR1660CCC500	AR1660CCC500	08/11/2025	09:37	PO112829.D	8.63	3.66
I.BLK	I.BLK	08/11/2025	11:00	PO112833.D	8.63	3.66
PB169186BL	PB169186BL	08/11/2025	14:36	PO112835.D	8.63	3.66
PB169186BS	PB169186BS	08/11/2025	14:54	PO112836.D	8.63	3.66
COMP-4	Q2807-01	08/11/2025	15:12	PO112837.D	8.63	3.66
COMP-5MS	Q2807-02MS	08/11/2025	15:49	PO112839.D	8.63	3.66
COMP-5MSD	Q2807-02MSD	08/11/2025	16:07	PO112840.D	8.63	3.66
COMP-6	Q2807-03	08/11/2025	16:24	PO112841.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/11/2025	18:50	PO112844.D	8.63	3.66
I.BLK	I.BLK	08/11/2025	20:02	PO112848.D	8.63	3.66
AR1660CCC500	AR1660CCC500	08/12/2025	08:54	PO112850.D	8.63	3.66
I.BLK	I.BLK	08/12/2025	10:05	PO112854.D	8.63	3.66
COMP-5	Q2807-02	08/12/2025	11:01	PO112857.D	8.63	3.66

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Analytical Sequence

AR1660CCC500	AR1660CCC500	08/12/2025	15:50	PO112865.D	8.63	3.66
I.BLK	I.BLK	08/12/2025	17:00	PO112869.D	8.63	3.66

QC SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Girard School - PA	Date Received:	
Client Sample ID:	PB169186BL	SDG No.:	Q2807
Lab Sample ID:	PB169186BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112835.D	1	08/11/25 08:30	08/11/25 14:36	PB169186

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		32 - 175	100%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	07/23/25
Project:	Girard School - PA	Date Received:	07/23/25
Client Sample ID:	PIBLK-PO112413.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PO112413.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112413.D	1		07/23/25	PO072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		60 - 140	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		60 - 140	100%	SPK: 20

Comments:

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N = Presumptive Evidence of a Compound
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/11/25
Project:	Girard School - PA	Date Received:	08/11/25
Client Sample ID:	PIBLK-PO112833.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PO112833.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112833.D	1		08/11/25	po081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		60 - 140	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 140	96%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/11/25
Project:	Girard School - PA	Date Received:	08/11/25
Client Sample ID:	PIBLK-PO112848.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PO112848.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112848.D	1		08/11/25	po081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		60 - 140	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	86%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/12/25
Project:	Girard School - PA	Date Received:	08/12/25
Client Sample ID:	PIBLK-PO112854.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PO112854.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112854.D	1		08/12/25	PO081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140	86%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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D = Dilution
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/12/25
Project:	Girard School - PA	Date Received:	08/12/25
Client Sample ID:	PIBLK-PO112869.D	SDG No.:	Q2807
Lab Sample ID:	I.BLK-PO112869.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112869.D	1		08/12/25	po081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		60 - 140	96%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder		Date Collected:		
Project:	Girard School - PA		Date Received:		
Client Sample ID:	PB169186BS		SDG No.:	Q2807	
Lab Sample ID:	PB169186BS		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112836.D	1	08/11/25 08:30	08/11/25 14:54	PB169186

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	171		3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	173		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.9		32 - 175	105%	SPK: 20

Comments:

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MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-5MS	SDG No.:	Q2807
Lab Sample ID:	Q2807-02MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112839.D	1	08/11/25 08:30	08/11/25 15:49	PB169186

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	223		4.70	20.1	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.1	ug/kg
11096-82-5	Aroclor-1260	206		3.80	20.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.5		32 - 144	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		32 - 175	97%	SPK: 20

Comments:

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MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-5MSD	SDG No.:	Q2807
Lab Sample ID:	Q2807-02MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.5 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112840.D	1	08/11/25 08:30	08/11/25 16:07	PB169186

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	223		4.70	20.1	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.1	ug/kg
11096-82-5	Aroclor-1260	212		3.80	20.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.4		32 - 144	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		32 - 175	113%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q2807	**OrderDate:**	8/8/2025 10:01:00 AM
Client:	Kleinfelder	**Project:**	Girard School - PA
Contact:	Mark Warchol	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2807-01	**COMP-4**	**SOIL**			**08/07/25**			**08/08/25**
			Mercury	7471B		08/08/25	08/11/25	
			Metals ICP-Group1	6010D		08/08/25	08/11/25	
Q2807-02	**COMP-5**	**SOIL**			**08/07/25**			**08/08/25**
			Mercury	7471B		08/08/25	08/11/25	
			Metals ICP-Group1	6010D		08/08/25	08/11/25	
Q2807-03	**COMP-6**	**SOIL**			**08/07/25**			**08/08/25**
			Mercury	7471B		08/08/25	08/11/25	
			Metals ICP-Group1	6010D		08/08/25	08/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2807 **Order ID:** Q2807

Client: Kleinfelder **Project ID:** Girard School - PA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-4								
Q2807-01	COMP-4	SOIL	Aluminum	9840		0.90	5.32	mg/Kg
Q2807-01	COMP-4	SOIL	Arsenic	5.90		0.20	1.06	mg/Kg
Q2807-01	COMP-4	SOIL	Barium	74.1		0.78	5.32	mg/Kg
Q2807-01	COMP-4	SOIL	Beryllium	0.81		0.027	0.32	mg/Kg
Q2807-01	COMP-4	SOIL	Cadmium	1.01		0.026	0.32	mg/Kg
Q2807-01	COMP-4	SOIL	Calcium	2000		11.8	106	mg/Kg
Q2807-01	COMP-4	SOIL	Chromium	18.5		0.050	0.53	mg/Kg
Q2807-01	COMP-4	SOIL	Cobalt	11.2		0.11	1.60	mg/Kg
Q2807-01	COMP-4	SOIL	Copper	19.1		0.23	1.06	mg/Kg
Q2807-01	COMP-4	SOIL	Iron	23000		4.25	5.32	mg/Kg
Q2807-01	COMP-4	SOIL	Lead	32.1		0.14	0.64	mg/Kg
Q2807-01	COMP-4	SOIL	Magnesium	2910		12.8	106	mg/Kg
Q2807-01	COMP-4	SOIL	Manganese	339		0.15	1.06	mg/Kg
Q2807-01	COMP-4	SOIL	Mercury	3.51	D	0.082	0.15	mg/Kg
Q2807-01	COMP-4	SOIL	Nickel	11.9		0.14	2.13	mg/Kg
Q2807-01	COMP-4	SOIL	Potassium	1860		29.5	106	mg/Kg
Q2807-01	COMP-4	SOIL	Selenium	0.59	J	0.28	1.06	mg/Kg
Q2807-01	COMP-4	SOIL	Silver	0.80		0.13	0.53	mg/Kg
Q2807-01	COMP-4	SOIL	Sodium	10900		19.0	106	mg/Kg
Q2807-01	COMP-4	SOIL	Vanadium	33.8		0.27	2.13	mg/Kg
Q2807-01	COMP-4	SOIL	Zinc	58.3		0.25	2.13	mg/Kg
Client ID : COMP-5								
Q2807-02	COMP-5	SOIL	Aluminum	6880		0.82	4.89	mg/Kg
Q2807-02	COMP-5	SOIL	Arsenic	4.80		0.19	0.98	mg/Kg
Q2807-02	COMP-5	SOIL	Barium	55.3		0.71	4.89	mg/Kg
Q2807-02	COMP-5	SOIL	Beryllium	0.61		0.024	0.29	mg/Kg
Q2807-02	COMP-5	SOIL	Cadmium	0.57		0.023	0.29	mg/Kg
Q2807-02	COMP-5	SOIL	Calcium	3380		10.9	97.8	mg/Kg
Q2807-02	COMP-5	SOIL	Chromium	12.6		0.046	0.49	mg/Kg
Q2807-02	COMP-5	SOIL	Cobalt	5.94		0.098	1.47	mg/Kg
Q2807-02	COMP-5	SOIL	Copper	16.8		0.22	0.98	mg/Kg
Q2807-02	COMP-5	SOIL	Iron	12600		3.90	4.89	mg/Kg
Q2807-02	COMP-5	SOIL	Lead	73.2		0.13	0.59	mg/Kg
Q2807-02	COMP-5	SOIL	Magnesium	1310		11.7	97.8	mg/Kg
Q2807-02	COMP-5	SOIL	Manganese	236		0.14	0.98	mg/Kg
Q2807-02	COMP-5	SOIL	Mercury	1.36	D	0.080	0.14	mg/Kg
Q2807-02	COMP-5	SOIL	Nickel	8.76		0.13	1.96	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2807 **Order ID:** Q2807

Client: Kleinfelder **Project ID:** Girard School - PA

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2807-02	COMP-5	SOIL	Potassium	484		27.1	97.8	mg/Kg
Q2807-02	COMP-5	SOIL	Silver	0.59		0.12	0.49	mg/Kg
Q2807-02	COMP-5	SOIL	Sodium	204		17.4	97.8	mg/Kg
Q2807-02	COMP-5	SOIL	Vanadium	19.1		0.25	1.96	mg/Kg
Q2807-02	COMP-5	SOIL	Zinc	36.2		0.23	1.96	mg/Kg
Client ID : COMP-6								
Q2807-03	COMP-6	SOIL	Aluminum	9030		0.85	5.05	mg/Kg
Q2807-03	COMP-6	SOIL	Arsenic	6.33		0.19	1.01	mg/Kg
Q2807-03	COMP-6	SOIL	Barium	60.0		0.74	5.05	mg/Kg
Q2807-03	COMP-6	SOIL	Beryllium	0.72		0.025	0.30	mg/Kg
Q2807-03	COMP-6	SOIL	Cadmium	0.62		0.024	0.30	mg/Kg
Q2807-03	COMP-6	SOIL	Calcium	2120		11.2	101	mg/Kg
Q2807-03	COMP-6	SOIL	Chromium	16.3		0.047	0.51	mg/Kg
Q2807-03	COMP-6	SOIL	Cobalt	5.41		0.10	1.51	mg/Kg
Q2807-03	COMP-6	SOIL	Copper	11.0		0.22	1.01	mg/Kg
Q2807-03	COMP-6	SOIL	Iron	15600		4.03	5.05	mg/Kg
Q2807-03	COMP-6	SOIL	Lead	79.0		0.13	0.61	mg/Kg
Q2807-03	COMP-6	SOIL	Magnesium	1730		12.1	101	mg/Kg
Q2807-03	COMP-6	SOIL	Manganese	190		0.14	1.01	mg/Kg
Q2807-03	COMP-6	SOIL	Mercury	2.26	D	0.088	0.16	mg/Kg
Q2807-03	COMP-6	SOIL	Nickel	8.71		0.13	2.02	mg/Kg
Q2807-03	COMP-6	SOIL	Potassium	494		28.0	101	mg/Kg
Q2807-03	COMP-6	SOIL	Silver	0.43	J	0.12	0.51	mg/Kg
Q2807-03	COMP-6	SOIL	Sodium	229		18.0	101	mg/Kg
Q2807-03	COMP-6	SOIL	Vanadium	23.5		0.25	2.02	mg/Kg
Q2807-03	COMP-6	SOIL	Zinc	36.6		0.23	2.02	mg/Kg

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4	SDG No.:	Q2807
Lab Sample ID:	Q2807-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9840		1	0.90	5.32	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.66	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-38-2	Arsenic	5.90	N	1	0.20	1.06	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-39-3	Barium	74.1		1	0.78	5.32	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-41-7	Beryllium	0.81	N	1	0.027	0.32	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-43-9	Cadmium	1.01		1	0.026	0.32	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-70-2	Calcium	2000		1	11.8	106	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-47-3	Chromium	18.5	N	1	0.050	0.53	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-48-4	Cobalt	11.2		1	0.11	1.60	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-50-8	Copper	19.1	N	1	0.23	1.06	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7439-89-6	Iron	23000		1	4.25	5.32	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7439-92-1	Lead	32.1		1	0.14	0.64	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7439-95-4	Magnesium	2910		1	12.8	106	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7439-96-5	Manganese	339		1	0.15	1.06	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7439-97-6	Mercury	3.51	D*	10	0.082	0.15	mg/Kg	08/08/25 11:35	08/11/25 13:25	7471B	
7440-02-0	Nickel	11.9		1	0.14	2.13	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-09-7	Potassium	1860	N	1	29.5	106	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7782-49-2	Selenium	0.59	JN	1	0.28	1.06	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-22-4	Silver	0.80	N	1	0.13	0.53	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-23-5	Sodium	10900	N	1	19.0	106	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.13	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-62-2	Vanadium	33.8	N	1	0.27	2.13	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050
7440-66-6	Zinc	58.3		1	0.25	2.13	mg/Kg	08/08/25 13:15	08/11/25 18:42	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-5	SDG No.:	Q2807
Lab Sample ID:	Q2807-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6880		1	0.82	4.89	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.45	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-38-2	Arsenic	4.80	N	1	0.19	0.98	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-39-3	Barium	55.3		1	0.71	4.89	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-41-7	Beryllium	0.61	N	1	0.024	0.29	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-43-9	Cadmium	0.57		1	0.023	0.29	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-70-2	Calcium	3380		1	10.9	97.8	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-47-3	Chromium	12.6	N	1	0.046	0.49	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-48-4	Cobalt	5.94		1	0.098	1.47	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-50-8	Copper	16.8	N	1	0.22	0.98	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7439-89-6	Iron	12600		1	3.90	4.89	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7439-92-1	Lead	73.2		1	0.13	0.59	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7439-95-4	Magnesium	1310		1	11.7	97.8	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7439-96-5	Manganese	236		1	0.14	0.98	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7439-97-6	Mercury	1.36	D*	10	0.080	0.14	mg/Kg	08/08/25 11:35	08/11/25 13:37	7471B	
7440-02-0	Nickel	8.76		1	0.13	1.96	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-09-7	Potassium	484	N	1	27.1	97.8	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7782-49-2	Selenium	0.25	UN	1	0.25	0.98	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-22-4	Silver	0.59	N	1	0.12	0.49	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-23-5	Sodium	204	N	1	17.4	97.8	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.96	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-62-2	Vanadium	19.1	N	1	0.25	1.96	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050
7440-66-6	Zinc	36.2		1	0.23	1.96	mg/Kg	08/08/25 13:15	08/11/25 18:47	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6	SDG No.:	Q2807
Lab Sample ID:	Q2807-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9030		1	0.85	5.05	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.52	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-38-2	Arsenic	6.33	N	1	0.19	1.01	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-39-3	Barium	60.0		1	0.74	5.05	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-41-7	Beryllium	0.72	N	1	0.025	0.30	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-43-9	Cadmium	0.62		1	0.024	0.30	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-70-2	Calcium	2120		1	11.2	101	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-47-3	Chromium	16.3	N	1	0.047	0.51	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-48-4	Cobalt	5.41		1	0.10	1.51	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-50-8	Copper	11.0	N	1	0.22	1.01	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7439-89-6	Iron	15600		1	4.03	5.05	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7439-92-1	Lead	79.0		1	0.13	0.61	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7439-95-4	Magnesium	1730		1	12.1	101	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7439-96-5	Manganese	190		1	0.14	1.01	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7439-97-6	Mercury	2.26	D*	10	0.088	0.16	mg/Kg	08/08/25 11:35	08/11/25 13:39	7471B	
7440-02-0	Nickel	8.71		1	0.13	2.02	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-09-7	Potassium	494	N	1	28.0	101	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7782-49-2	Selenium	0.26	UN	1	0.26	1.01	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-22-4	Silver	0.43	JN	1	0.12	0.51	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-23-5	Sodium	229	N	1	18.0	101	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.02	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-62-2	Vanadium	23.5	N	1	0.25	2.02	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050
7440-66-6	Zinc	36.6		1	0.23	2.02	mg/Kg	08/08/25 13:15	08/11/25 18:51	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	Metals Group1				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV06	Mercury	3.69	4.0	92	90 - 110	CV	08/11/2025	10:33	LB136768

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV15	Mercury	5.16	5.0	103	90 - 110	CV	08/11/2025	11:06	LB136768
CCV16	Mercury	5.27	5.0	105	90 - 110	CV	08/11/2025	11:53	LB136768
CCV17	Mercury	4.90	5.0	98	90 - 110	CV	08/11/2025	12:26	LB136768
CCV18	Mercury	5.07	5.0	101	90 - 110	CV	08/11/2025	13:32	LB136768
CCV19	Mercury	5.03	5.0	101	90 - 110	CV	08/11/2025	13:56	LB136768

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7500	8000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Antimony	3860	4000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Arsenic	3700	4000	93	90 - 110	P	08/11/2025	11:09	LB136778
	Barium	7500	8000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Beryllium	190	200	95	90 - 110	P	08/11/2025	11:09	LB136778
	Cadmium	1840	2000	92	90 - 110	P	08/11/2025	11:09	LB136778
	Calcium	18800	20000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Chromium	755	800	94	90 - 110	P	08/11/2025	11:09	LB136778
	Cobalt	1880	2000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Copper	962	1000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Iron	3710	4000	93	90 - 110	P	08/11/2025	11:09	LB136778
	Lead	3840	4000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Magnesium	18800	20000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Manganese	1880	2000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Nickel	1870	2000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Potassium	18400	20000	92	90 - 110	P	08/11/2025	11:09	LB136778
	Selenium	3720	4000	93	90 - 110	P	08/11/2025	11:09	LB136778
	Silver	940	1000	94	90 - 110	P	08/11/2025	11:09	LB136778
	Sodium	18300	20000	91	90 - 110	P	08/11/2025	11:09	LB136778
	Thallium	3830	4000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Vanadium	1910	2000	96	90 - 110	P	08/11/2025	11:09	LB136778
	Zinc	1860	2000	93	90 - 110	P	08/11/2025	11:09	LB136778

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	119	100	119	80 - 120	P	08/11/2025	11:33	LB136778
	Antimony	48.4	50.0	97	80 - 120	P	08/11/2025	11:33	LB136778
	Arsenic	19.2	20.0	96	80 - 120	P	08/11/2025	11:33	LB136778
	Barium	97.3	100	97	80 - 120	P	08/11/2025	11:33	LB136778
	Beryllium	5.80	6.0	97	80 - 120	P	08/11/2025	11:33	LB136778
	Cadmium	5.81	6.0	97	80 - 120	P	08/11/2025	11:33	LB136778
	Calcium	2020	2000	101	80 - 120	P	08/11/2025	11:33	LB136778
	Chromium	9.94	10.0	99	80 - 120	P	08/11/2025	11:33	LB136778
	Cobalt	28.1	30.0	94	80 - 120	P	08/11/2025	11:33	LB136778
	Copper	20.7	20.0	103	80 - 120	P	08/11/2025	11:33	LB136778
	Iron	98.4	100	98	80 - 120	P	08/11/2025	11:33	LB136778
	Lead	12.4	12.0	103	80 - 120	P	08/11/2025	11:33	LB136778
	Magnesium	2060	2000	103	80 - 120	P	08/11/2025	11:33	LB136778
	Manganese	23.8	20.0	119	80 - 120	P	08/11/2025	11:33	LB136778
	Nickel	38.5	40.0	96	80 - 120	P	08/11/2025	11:33	LB136778
	Potassium	1670	2000	84	80 - 120	P	08/11/2025	11:33	LB136778
	Selenium	21.6	20.0	108	80 - 120	P	08/11/2025	11:33	LB136778
	Silver	10.2	10.0	102	80 - 120	P	08/11/2025	11:33	LB136778
	Sodium	1660	2000	83	80 - 120	P	08/11/2025	11:33	LB136778
	Thallium	37.3	40.0	93	80 - 120	P	08/11/2025	11:33	LB136778
	Vanadium	42.0	40.0	105	80 - 120	P	08/11/2025	11:33	LB136778
	Zinc	41.5	40.0	104	80 - 120	P	08/11/2025	11:33	LB136778

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9900	10000	99	90 - 110	P	08/11/2025	12:05	LB136778
	Antimony	4990	5000	100	90 - 110	P	08/11/2025	12:05	LB136778
	Arsenic	4930	5000	99	90 - 110	P	08/11/2025	12:05	LB136778
	Barium	10000	10000	100	90 - 110	P	08/11/2025	12:05	LB136778
	Beryllium	248	250	99	90 - 110	P	08/11/2025	12:05	LB136778
	Cadmium	2420	2500	97	90 - 110	P	08/11/2025	12:05	LB136778
	Calcium	24900	25000	99	90 - 110	P	08/11/2025	12:05	LB136778
	Chromium	985	1000	98	90 - 110	P	08/11/2025	12:05	LB136778
	Cobalt	2440	2500	98	90 - 110	P	08/11/2025	12:05	LB136778
	Copper	1230	1250	99	90 - 110	P	08/11/2025	12:05	LB136778
	Iron	4980	5000	100	90 - 110	P	08/11/2025	12:05	LB136778
	Lead	4830	5000	97	90 - 110	P	08/11/2025	12:05	LB136778
	Magnesium	24700	25000	99	90 - 110	P	08/11/2025	12:05	LB136778
	Manganese	2500	2500	100	90 - 110	P	08/11/2025	12:05	LB136778
	Nickel	2430	2500	97	90 - 110	P	08/11/2025	12:05	LB136778
	Potassium	24500	25000	98	90 - 110	P	08/11/2025	12:05	LB136778
	Selenium	4890	5000	98	90 - 110	P	08/11/2025	12:05	LB136778
	Silver	1240	1250	99	90 - 110	P	08/11/2025	12:05	LB136778
	Sodium	24900	25000	100	90 - 110	P	08/11/2025	12:05	LB136778
	Thallium	4760	5000	95	90 - 110	P	08/11/2025	12:05	LB136778
	Vanadium	2480	2500	99	90 - 110	P	08/11/2025	12:05	LB136778
	Zinc	2490	2500	100	90 - 110	P	08/11/2025	12:05	LB136778
CCV02	Aluminum	9660	10000	97	90 - 110	P	08/11/2025	13:00	LB136778
	Antimony	4960	5000	99	90 - 110	P	08/11/2025	13:00	LB136778
	Arsenic	4890	5000	98	90 - 110	P	08/11/2025	13:00	LB136778
	Barium	9690	10000	97	90 - 110	P	08/11/2025	13:00	LB136778
	Beryllium	231	250	92	90 - 110	P	08/11/2025	13:00	LB136778
	Cadmium	2340	2500	94	90 - 110	P	08/11/2025	13:00	LB136778
	Calcium	24100	25000	96	90 - 110	P	08/11/2025	13:00	LB136778
	Chromium	961	1000	96	90 - 110	P	08/11/2025	13:00	LB136778
	Cobalt	2370	2500	95	90 - 110	P	08/11/2025	13:00	LB136778
	Copper	1210	1250	97	90 - 110	P	08/11/2025	13:00	LB136778
	Iron	5030	5000	101	90 - 110	P	08/11/2025	13:00	LB136778
	Lead	4680	5000	94	90 - 110	P	08/11/2025	13:00	LB136778

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23700	25000	95	90 - 110	P	08/11/2025	13:00	LB136778
	Manganese	2420	2500	97	90 - 110	P	08/11/2025	13:00	LB136778
	Nickel	2360	2500	95	90 - 110	P	08/11/2025	13:00	LB136778
	Potassium	25400	25000	102	90 - 110	P	08/11/2025	13:00	LB136778
	Selenium	4890	5000	98	90 - 110	P	08/11/2025	13:00	LB136778
	Silver	1220	1250	97	90 - 110	P	08/11/2025	13:00	LB136778
	Sodium	25200	25000	101	90 - 110	P	08/11/2025	13:00	LB136778
	Thallium	4640	5000	93	90 - 110	P	08/11/2025	13:00	LB136778
	Vanadium	2430	2500	97	90 - 110	P	08/11/2025	13:00	LB136778
	Zinc	2460	2500	98	90 - 110	P	08/11/2025	13:00	LB136778
CCV03	Aluminum	9140	10000	91	90 - 110	P	08/11/2025	14:54	LB136778
	Antimony	4880	5000	98	90 - 110	P	08/11/2025	14:54	LB136778
	Arsenic	4840	5000	97	90 - 110	P	08/11/2025	14:54	LB136778
	Barium	9090	10000	91	90 - 110	P	08/11/2025	14:54	LB136778
	Beryllium	269	250	108	90 - 110	P	08/11/2025	14:54	LB136778
	Cadmium	2320	2500	93	90 - 110	P	08/11/2025	14:54	LB136778
	Calcium	22800	25000	91	90 - 110	P	08/11/2025	14:54	LB136778
	Chromium	913	1000	91	90 - 110	P	08/11/2025	14:54	LB136778
	Cobalt	2320	2500	93	90 - 110	P	08/11/2025	14:54	LB136778
	Copper	1180	1250	95	90 - 110	P	08/11/2025	14:54	LB136778
	Iron	4740	5000	95	90 - 110	P	08/11/2025	14:54	LB136778
	Lead	4620	5000	92	90 - 110	P	08/11/2025	14:54	LB136778
	Magnesium	22500	25000	90	90 - 110	P	08/11/2025	14:54	LB136778
	Manganese	2270	2500	91	90 - 110	P	08/11/2025	14:54	LB136778
	Nickel	2330	2500	93	90 - 110	P	08/11/2025	14:54	LB136778
	Potassium	23800	25000	95	90 - 110	P	08/11/2025	14:54	LB136778
	Selenium	4950	5000	99	90 - 110	P	08/11/2025	14:54	LB136778
	Silver	1170	1250	94	90 - 110	P	08/11/2025	14:54	LB136778
	Sodium	23200	25000	93	90 - 110	P	08/11/2025	14:54	LB136778
	Thallium	5170	5000	103	90 - 110	P	08/11/2025	14:54	LB136778
	Vanadium	2300	2500	92	90 - 110	P	08/11/2025	14:54	LB136778
	Zinc	2350	2500	94	90 - 110	P	08/11/2025	14:54	LB136778
CCV04	Aluminum	9270	10000	93	90 - 110	P	08/11/2025	16:02	LB136778
	Antimony	5030	5000	100	90 - 110	P	08/11/2025	16:02	LB136778

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4990	5000	100	90 - 110	P	08/11/2025	16:02	LB136778
	Barium	9100	10000	91	90 - 110	P	08/11/2025	16:02	LB136778
	Beryllium	227	250	91	90 - 110	P	08/11/2025	16:02	LB136778
	Cadmium	2370	2500	95	90 - 110	P	08/11/2025	16:02	LB136778
	Calcium	23000	25000	92	90 - 110	P	08/11/2025	16:02	LB136778
	Chromium	921	1000	92	90 - 110	P	08/11/2025	16:02	LB136778
	Cobalt	2380	2500	95	90 - 110	P	08/11/2025	16:02	LB136778
	Copper	1210	1250	97	90 - 110	P	08/11/2025	16:02	LB136778
	Iron	4770	5000	95	90 - 110	P	08/11/2025	16:02	LB136778
	Lead	4740	5000	95	90 - 110	P	08/11/2025	16:02	LB136778
	Magnesium	22900	25000	92	90 - 110	P	08/11/2025	16:02	LB136778
	Manganese	2300	2500	92	90 - 110	P	08/11/2025	16:02	LB136778
	Nickel	2390	2500	95	90 - 110	P	08/11/2025	16:02	LB136778
	Potassium	23700	25000	95	90 - 110	P	08/11/2025	16:02	LB136778
	Selenium	5090	5000	102	90 - 110	P	08/11/2025	16:02	LB136778
	Silver	1180	1250	94	90 - 110	P	08/11/2025	16:02	LB136778
	Sodium	23000	25000	92	90 - 110	P	08/11/2025	16:02	LB136778
	Thallium	5410	5000	108	90 - 110	P	08/11/2025	16:02	LB136778
	Vanadium	2350	2500	94	90 - 110	P	08/11/2025	16:02	LB136778
	Zinc	2370	2500	95	90 - 110	P	08/11/2025	16:02	LB136778

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7640	8000	96	90 - 110	P	08/11/2025	16:44	LB136779
	Antimony	3950	4000	99	90 - 110	P	08/11/2025	16:44	LB136779
	Arsenic	3820	4000	96	90 - 110	P	08/11/2025	16:44	LB136779
	Barium	7520	8000	94	90 - 110	P	08/11/2025	16:44	LB136779
	Beryllium	190	200	95	90 - 110	P	08/11/2025	16:44	LB136779
	Cadmium	1900	2000	95	90 - 110	P	08/11/2025	16:44	LB136779
	Calcium	19100	20000	96	90 - 110	P	08/11/2025	16:44	LB136779
	Chromium	793	800	99	90 - 110	P	08/11/2025	16:44	LB136779
	Cobalt	1930	2000	97	90 - 110	P	08/11/2025	16:44	LB136779
	Copper	989	1000	99	90 - 110	P	08/11/2025	16:44	LB136779
	Iron	3930	4000	98	90 - 110	P	08/11/2025	16:44	LB136779
	Lead	3970	4000	99	90 - 110	P	08/11/2025	16:44	LB136779
	Magnesium	19100	20000	96	90 - 110	P	08/11/2025	16:44	LB136779
	Manganese	1910	2000	96	90 - 110	P	08/11/2025	16:44	LB136779
	Nickel	1940	2000	97	90 - 110	P	08/11/2025	16:44	LB136779
	Potassium	19100	20000	95	90 - 110	P	08/11/2025	16:44	LB136779
	Selenium	3830	4000	96	90 - 110	P	08/11/2025	16:44	LB136779
	Silver	1030	1000	103	90 - 110	P	08/11/2025	16:44	LB136779
	Sodium	18700	20000	93	90 - 110	P	08/11/2025	16:44	LB136779
	Thallium	3790	4000	95	90 - 110	P	08/11/2025	16:44	LB136779
	Vanadium	1920	2000	96	90 - 110	P	08/11/2025	16:44	LB136779
	Zinc	1920	2000	96	90 - 110	P	08/11/2025	16:44	LB136779

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	100	100	100	80 - 120	P	08/11/2025	16:49	LB136779
	Antimony	51.5	50.0	103	80 - 120	P	08/11/2025	16:49	LB136779
	Arsenic	19.3	20.0	97	80 - 120	P	08/11/2025	16:49	LB136779
	Barium	96.4	100	96	80 - 120	P	08/11/2025	16:49	LB136779
	Beryllium	5.99	6.0	100	80 - 120	P	08/11/2025	16:49	LB136779
	Cadmium	5.94	6.0	99	80 - 120	P	08/11/2025	16:49	LB136779
	Calcium	2030	2000	101	80 - 120	P	08/11/2025	16:49	LB136779
	Chromium	9.85	10.0	98	80 - 120	P	08/11/2025	16:49	LB136779
	Cobalt	29.6	30.0	99	80 - 120	P	08/11/2025	16:49	LB136779
	Copper	21.3	20.0	107	80 - 120	P	08/11/2025	16:49	LB136779
	Iron	84.3	100	84	80 - 120	P	08/11/2025	16:49	LB136779
	Lead	12.5	12.0	104	80 - 120	P	08/11/2025	16:49	LB136779
	Magnesium	2120	2000	106	80 - 120	P	08/11/2025	16:49	LB136779
	Manganese	22.6	20.0	113	80 - 120	P	08/11/2025	16:49	LB136779
	Nickel	39.9	40.0	100	80 - 120	P	08/11/2025	16:49	LB136779
	Potassium	1790	2000	90	80 - 120	P	08/11/2025	16:49	LB136779
	Selenium	22.2	20.0	111	80 - 120	P	08/11/2025	16:49	LB136779
	Silver	9.94	10.0	99	80 - 120	P	08/11/2025	16:49	LB136779
	Sodium	1770	2000	88	80 - 120	P	08/11/2025	16:49	LB136779
	Thallium	40.7	40.0	102	80 - 120	P	08/11/2025	16:49	LB136779
	Vanadium	38.9	40.0	97	80 - 120	P	08/11/2025	16:49	LB136779
	Zinc	41.2	40.0	103	80 - 120	P	08/11/2025	16:49	LB136779

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9600	10000	96	90 - 110	P	08/11/2025	17:19	LB136779
	Antimony	4890	5000	98	90 - 110	P	08/11/2025	17:19	LB136779
	Arsenic	4950	5000	99	90 - 110	P	08/11/2025	17:19	LB136779
	Barium	9490	10000	95	90 - 110	P	08/11/2025	17:19	LB136779
	Beryllium	239	250	96	90 - 110	P	08/11/2025	17:19	LB136779
	Cadmium	2440	2500	98	90 - 110	P	08/11/2025	17:19	LB136779
	Calcium	24000	25000	96	90 - 110	P	08/11/2025	17:19	LB136779
	Chromium	972	1000	97	90 - 110	P	08/11/2025	17:19	LB136779
	Cobalt	2430	2500	97	90 - 110	P	08/11/2025	17:19	LB136779
	Copper	1240	1250	99	90 - 110	P	08/11/2025	17:19	LB136779
	Iron	4850	5000	97	90 - 110	P	08/11/2025	17:19	LB136779
	Lead	4840	5000	97	90 - 110	P	08/11/2025	17:19	LB136779
	Magnesium	23900	25000	95	90 - 110	P	08/11/2025	17:19	LB136779
	Manganese	2400	2500	96	90 - 110	P	08/11/2025	17:19	LB136779
	Nickel	2440	2500	98	90 - 110	P	08/11/2025	17:19	LB136779
	Potassium	24000	25000	96	90 - 110	P	08/11/2025	17:19	LB136779
	Selenium	4950	5000	99	90 - 110	P	08/11/2025	17:19	LB136779
	Silver	1210	1250	96	90 - 110	P	08/11/2025	17:19	LB136779
	Sodium	24100	25000	96	90 - 110	P	08/11/2025	17:19	LB136779
	Thallium	4880	5000	98	90 - 110	P	08/11/2025	17:19	LB136779
	Vanadium	2410	2500	96	90 - 110	P	08/11/2025	17:19	LB136779
	Zinc	2440	2500	98	90 - 110	P	08/11/2025	17:19	LB136779
CCV02	Aluminum	9700	10000	97	90 - 110	P	08/11/2025	17:44	LB136779
	Antimony	4930	5000	98	90 - 110	P	08/11/2025	17:44	LB136779
	Arsenic	5010	5000	100	90 - 110	P	08/11/2025	17:44	LB136779
	Barium	9570	10000	96	90 - 110	P	08/11/2025	17:44	LB136779
	Beryllium	242	250	97	90 - 110	P	08/11/2025	17:44	LB136779
	Cadmium	2480	2500	99	90 - 110	P	08/11/2025	17:44	LB136779
	Calcium	24300	25000	97	90 - 110	P	08/11/2025	17:44	LB136779
	Chromium	992	1000	99	90 - 110	P	08/11/2025	17:44	LB136779
	Cobalt	2450	2500	98	90 - 110	P	08/11/2025	17:44	LB136779
	Copper	1250	1250	100	90 - 110	P	08/11/2025	17:44	LB136779
	Iron	4960	5000	99	90 - 110	P	08/11/2025	17:44	LB136779
	Lead	4900	5000	98	90 - 110	P	08/11/2025	17:44	LB136779

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24300	25000	97	90 - 110	P	08/11/2025	17:44	LB136779
	Manganese	2430	2500	97	90 - 110	P	08/11/2025	17:44	LB136779
	Nickel	2470	2500	99	90 - 110	P	08/11/2025	17:44	LB136779
	Potassium	24600	25000	98	90 - 110	P	08/11/2025	17:44	LB136779
	Selenium	5010	5000	100	90 - 110	P	08/11/2025	17:44	LB136779
	Silver	1220	1250	97	90 - 110	P	08/11/2025	17:44	LB136779
	Sodium	24400	25000	98	90 - 110	P	08/11/2025	17:44	LB136779
	Thallium	4950	5000	99	90 - 110	P	08/11/2025	17:44	LB136779
	Vanadium	2440	2500	98	90 - 110	P	08/11/2025	17:44	LB136779
	Zinc	2450	2500	98	90 - 110	P	08/11/2025	17:44	LB136779
CCV03	Aluminum	9610	10000	96	90 - 110	P	08/11/2025	18:26	LB136779
	Antimony	4890	5000	98	90 - 110	P	08/11/2025	18:26	LB136779
	Arsenic	4940	5000	99	90 - 110	P	08/11/2025	18:26	LB136779
	Barium	9550	10000	96	90 - 110	P	08/11/2025	18:26	LB136779
	Beryllium	240	250	96	90 - 110	P	08/11/2025	18:26	LB136779
	Cadmium	2450	2500	98	90 - 110	P	08/11/2025	18:26	LB136779
	Calcium	24100	25000	96	90 - 110	P	08/11/2025	18:26	LB136779
	Chromium	977	1000	98	90 - 110	P	08/11/2025	18:26	LB136779
	Cobalt	2430	2500	97	90 - 110	P	08/11/2025	18:26	LB136779
	Copper	1240	1250	99	90 - 110	P	08/11/2025	18:26	LB136779
	Iron	4910	5000	98	90 - 110	P	08/11/2025	18:26	LB136779
	Lead	4850	5000	97	90 - 110	P	08/11/2025	18:26	LB136779
	Magnesium	23900	25000	96	90 - 110	P	08/11/2025	18:26	LB136779
	Manganese	2410	2500	96	90 - 110	P	08/11/2025	18:26	LB136779
	Nickel	2450	2500	98	90 - 110	P	08/11/2025	18:26	LB136779
	Potassium	24300	25000	97	90 - 110	P	08/11/2025	18:26	LB136779
	Selenium	4910	5000	98	90 - 110	P	08/11/2025	18:26	LB136779
	Silver	1210	1250	97	90 - 110	P	08/11/2025	18:26	LB136779
	Sodium	23300	25000	93	90 - 110	P	08/11/2025	18:26	LB136779
	Thallium	4520	5000	90	90 - 110	P	08/11/2025	18:26	LB136779
	Vanadium	2430	2500	97	90 - 110	P	08/11/2025	18:26	LB136779
	Zinc	2450	2500	98	90 - 110	P	08/11/2025	18:26	LB136779
CCV04	Aluminum	9620	10000	96	90 - 110	P	08/11/2025	18:59	LB136779
	Antimony	4870	5000	97	90 - 110	P	08/11/2025	18:59	LB136779

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4890	5000	98	90 - 110	P	08/11/2025	18:59	LB136779
	Barium	9590	10000	96	90 - 110	P	08/11/2025	18:59	LB136779
	Beryllium	239	250	96	90 - 110	P	08/11/2025	18:59	LB136779
	Cadmium	2420	2500	97	90 - 110	P	08/11/2025	18:59	LB136779
	Calcium	24200	25000	97	90 - 110	P	08/11/2025	18:59	LB136779
	Chromium	979	1000	98	90 - 110	P	08/11/2025	18:59	LB136779
	Cobalt	2420	2500	97	90 - 110	P	08/11/2025	18:59	LB136779
	Copper	1230	1250	98	90 - 110	P	08/11/2025	18:59	LB136779
	Iron	4970	5000	99	90 - 110	P	08/11/2025	18:59	LB136779
	Lead	4810	5000	96	90 - 110	P	08/11/2025	18:59	LB136779
	Magnesium	24000	25000	96	90 - 110	P	08/11/2025	18:59	LB136779
	Manganese	2430	2500	97	90 - 110	P	08/11/2025	18:59	LB136779
	Nickel	2430	2500	97	90 - 110	P	08/11/2025	18:59	LB136779
	Potassium	24500	25000	98	90 - 110	P	08/11/2025	18:59	LB136779
	Selenium	4870	5000	97	90 - 110	P	08/11/2025	18:59	LB136779
	Silver	1210	1250	97	90 - 110	P	08/11/2025	18:59	LB136779
	Sodium	24100	25000	96	90 - 110	P	08/11/2025	18:59	LB136779
	Thallium	4650	5000	93	90 - 110	P	08/11/2025	18:59	LB136779
	Vanadium	2430	2500	97	90 - 110	P	08/11/2025	18:59	LB136779
	Zinc	2440	2500	98	90 - 110	P	08/11/2025	18:59	LB136779

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7870	8000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Antimony	4130	4000	103	90 - 110	P	08/15/2025	11:50	LB136851
	Arsenic	3980	4000	99	90 - 110	P	08/15/2025	11:50	LB136851
	Barium	7840	8000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Beryllium	195	200	98	90 - 110	P	08/15/2025	11:50	LB136851
	Cadmium	1940	2000	97	90 - 110	P	08/15/2025	11:50	LB136851
	Calcium	19400	20000	97	90 - 110	P	08/15/2025	11:50	LB136851
	Chromium	795	800	99	90 - 110	P	08/15/2025	11:50	LB136851
	Cobalt	1970	2000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Copper	1010	1000	102	90 - 110	P	08/15/2025	11:50	LB136851
	Iron	3940	4000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Lead	3820	4000	96	90 - 110	P	08/15/2025	11:50	LB136851
	Magnesium	19300	20000	96	90 - 110	P	08/15/2025	11:50	LB136851
	Manganese	1940	2000	97	90 - 110	P	08/15/2025	11:50	LB136851
	Nickel	1960	2000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Potassium	19600	20000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Selenium	4030	4000	101	90 - 110	P	08/15/2025	11:50	LB136851
	Silver	997	1000	100	90 - 110	P	08/15/2025	11:50	LB136851
	Sodium	19700	20000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Thallium	3810	4000	95	90 - 110	P	08/15/2025	11:50	LB136851
	Vanadium	1960	2000	98	90 - 110	P	08/15/2025	11:50	LB136851
	Zinc	2020	2000	101	90 - 110	P	08/15/2025	11:50	LB136851

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	106	100	106	80 - 120	P	08/15/2025	11:56	LB136851
	Antimony	50.7	50.0	101	80 - 120	P	08/15/2025	11:56	LB136851
	Arsenic	19.5	20.0	98	80 - 120	P	08/15/2025	11:56	LB136851
	Barium	93.5	100	94	80 - 120	P	08/15/2025	11:56	LB136851
	Beryllium	6.22	6.0	104	80 - 120	P	08/15/2025	11:56	LB136851
	Cadmium	5.88	6.0	98	80 - 120	P	08/15/2025	11:56	LB136851
	Calcium	2050	2000	103	80 - 120	P	08/15/2025	11:56	LB136851
	Chromium	10.2	10.0	102	80 - 120	P	08/15/2025	11:56	LB136851
	Cobalt	29.6	30.0	99	80 - 120	P	08/15/2025	11:56	LB136851
	Copper	21.8	20.0	109	80 - 120	P	08/15/2025	11:56	LB136851
	Iron	103	100	103	80 - 120	P	08/15/2025	11:56	LB136851
	Lead	11.7	12.0	98	80 - 120	P	08/15/2025	11:56	LB136851
	Magnesium	2160	2000	108	80 - 120	P	08/15/2025	11:56	LB136851
	Manganese	21.6	20.0	108	80 - 120	P	08/15/2025	11:56	LB136851
	Nickel	40.1	40.0	100	80 - 120	P	08/15/2025	11:56	LB136851
	Potassium	1960	2000	98	80 - 120	P	08/15/2025	11:56	LB136851
	Selenium	21.3	20.0	106	80 - 120	P	08/15/2025	11:56	LB136851
	Silver	10.6	10.0	106	80 - 120	P	08/15/2025	11:56	LB136851
	Sodium	1900	2000	95	80 - 120	P	08/15/2025	11:56	LB136851
	Thallium	39.8	40.0	99	80 - 120	P	08/15/2025	11:56	LB136851
	Vanadium	39.0	40.0	98	80 - 120	P	08/15/2025	11:56	LB136851
	Zinc	42.5	40.0	106	80 - 120	P	08/15/2025	11:56	LB136851

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9820	10000	98	90 - 110	P	08/15/2025	12:26	LB136851
	Antimony	5030	5000	101	90 - 110	P	08/15/2025	12:26	LB136851
	Arsenic	4990	5000	100	90 - 110	P	08/15/2025	12:26	LB136851
	Barium	9720	10000	97	90 - 110	P	08/15/2025	12:26	LB136851
	Beryllium	241	250	96	90 - 110	P	08/15/2025	12:26	LB136851
	Cadmium	2440	2500	98	90 - 110	P	08/15/2025	12:26	LB136851
	Calcium	24400	25000	98	90 - 110	P	08/15/2025	12:26	LB136851
	Chromium	989	1000	99	90 - 110	P	08/15/2025	12:26	LB136851
	Cobalt	2440	2500	98	90 - 110	P	08/15/2025	12:26	LB136851
	Copper	1240	1250	99	90 - 110	P	08/15/2025	12:26	LB136851
	Iron	4980	5000	100	90 - 110	P	08/15/2025	12:26	LB136851
	Lead	4870	5000	97	90 - 110	P	08/15/2025	12:26	LB136851
	Magnesium	24200	25000	97	90 - 110	P	08/15/2025	12:26	LB136851
	Manganese	2420	2500	97	90 - 110	P	08/15/2025	12:26	LB136851
	Nickel	2440	2500	98	90 - 110	P	08/15/2025	12:26	LB136851
	Potassium	24900	25000	100	90 - 110	P	08/15/2025	12:26	LB136851
	Selenium	5060	5000	101	90 - 110	P	08/15/2025	12:26	LB136851
	Silver	1240	1250	99	90 - 110	P	08/15/2025	12:26	LB136851
	Sodium	24900	25000	100	90 - 110	P	08/15/2025	12:26	LB136851
	Thallium	5250	5000	105	90 - 110	P	08/15/2025	12:26	LB136851
	Vanadium	2460	2500	98	90 - 110	P	08/15/2025	12:26	LB136851
	Zinc	2520	2500	101	90 - 110	P	08/15/2025	12:26	LB136851
CCV02	Aluminum	9430	10000	94	90 - 110	P	08/15/2025	13:40	LB136851
	Antimony	4960	5000	99	90 - 110	P	08/15/2025	13:40	LB136851
	Arsenic	4910	5000	98	90 - 110	P	08/15/2025	13:40	LB136851
	Barium	9430	10000	94	90 - 110	P	08/15/2025	13:40	LB136851
	Beryllium	229	250	91	90 - 110	P	08/15/2025	13:40	LB136851
	Cadmium	2340	2500	93	90 - 110	P	08/15/2025	13:40	LB136851
	Calcium	23400	25000	94	90 - 110	P	08/15/2025	13:40	LB136851
	Chromium	951	1000	95	90 - 110	P	08/15/2025	13:40	LB136851
	Cobalt	2340	2500	94	90 - 110	P	08/15/2025	13:40	LB136851
	Copper	1210	1250	96	90 - 110	P	08/15/2025	13:40	LB136851
	Iron	4840	5000	97	90 - 110	P	08/15/2025	13:40	LB136851
	Lead	4680	5000	94	90 - 110	P	08/15/2025	13:40	LB136851

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23100	25000	92	90 - 110	P	08/15/2025	13:40	LB136851
	Manganese	2330	2500	93	90 - 110	P	08/15/2025	13:40	LB136851
	Nickel	2350	2500	94	90 - 110	P	08/15/2025	13:40	LB136851
	Potassium	24200	25000	97	90 - 110	P	08/15/2025	13:40	LB136851
	Selenium	5010	5000	100	90 - 110	P	08/15/2025	13:40	LB136851
	Silver	1200	1250	96	90 - 110	P	08/15/2025	13:40	LB136851
	Sodium	23900	25000	96	90 - 110	P	08/15/2025	13:40	LB136851
	Thallium	5400	5000	108	90 - 110	P	08/15/2025	13:40	LB136851
	Vanadium	2370	2500	95	90 - 110	P	08/15/2025	13:40	LB136851
	Zinc	2440	2500	98	90 - 110	P	08/15/2025	13:40	LB136851
CCV03	Aluminum	9550	10000	96	90 - 110	P	08/15/2025	15:04	LB136851
	Antimony	5010	5000	100	90 - 110	P	08/15/2025	15:04	LB136851
	Arsenic	4970	5000	99	90 - 110	P	08/15/2025	15:04	LB136851
	Barium	9500	10000	95	90 - 110	P	08/15/2025	15:04	LB136851
	Beryllium	226	250	90	90 - 110	P	08/15/2025	15:04	LB136851
	Cadmium	2360	2500	94	90 - 110	P	08/15/2025	15:04	LB136851
	Calcium	23500	25000	94	90 - 110	P	08/15/2025	15:04	LB136851
	Chromium	969	1000	97	90 - 110	P	08/15/2025	15:04	LB136851
	Cobalt	2360	2500	94	90 - 110	P	08/15/2025	15:04	LB136851
	Copper	1220	1250	97	90 - 110	P	08/15/2025	15:04	LB136851
	Iron	5030	5000	101	90 - 110	P	08/15/2025	15:04	LB136851
	Lead	4720	5000	94	90 - 110	P	08/15/2025	15:04	LB136851
	Magnesium	23200	25000	93	90 - 110	P	08/15/2025	15:04	LB136851
	Manganese	2330	2500	93	90 - 110	P	08/15/2025	15:04	LB136851
	Nickel	2380	2500	95	90 - 110	P	08/15/2025	15:04	LB136851
	Potassium	25300	25000	101	90 - 110	P	08/15/2025	15:04	LB136851
	Selenium	5080	5000	102	90 - 110	P	08/15/2025	15:04	LB136851
	Silver	1210	1250	97	90 - 110	P	08/15/2025	15:04	LB136851
	Sodium	24900	25000	100	90 - 110	P	08/15/2025	15:04	LB136851
	Thallium	5050	5000	101	90 - 110	P	08/15/2025	15:04	LB136851
	Vanadium	2400	2500	96	90 - 110	P	08/15/2025	15:04	LB136851
	Zinc	2490	2500	99	90 - 110	P	08/15/2025	15:04	LB136851
CCV04	Aluminum	9750	10000	98	90 - 110	P	08/15/2025	15:55	LB136851
	Antimony	5130	5000	102	90 - 110	P	08/15/2025	15:55	LB136851

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5080	5000	102	90 - 110	P	08/15/2025	15:55	LB136851
	Barium	9540	10000	95	90 - 110	P	08/15/2025	15:55	LB136851
	Beryllium	229	250	92	90 - 110	P	08/15/2025	15:55	LB136851
	Cadmium	2390	2500	96	90 - 110	P	08/15/2025	15:55	LB136851
	Calcium	23800	25000	95	90 - 110	P	08/15/2025	15:55	LB136851
	Chromium	980	1000	98	90 - 110	P	08/15/2025	15:55	LB136851
	Cobalt	2390	2500	96	90 - 110	P	08/15/2025	15:55	LB136851
	Copper	1240	1250	99	90 - 110	P	08/15/2025	15:55	LB136851
	Iron	5040	5000	101	90 - 110	P	08/15/2025	15:55	LB136851
	Lead	4800	5000	96	90 - 110	P	08/15/2025	15:55	LB136851
	Magnesium	23700	25000	95	90 - 110	P	08/15/2025	15:55	LB136851
	Manganese	2350	2500	94	90 - 110	P	08/15/2025	15:55	LB136851
	Nickel	2410	2500	96	90 - 110	P	08/15/2025	15:55	LB136851
	Potassium	25400	25000	102	90 - 110	P	08/15/2025	15:55	LB136851
	Selenium	5240	5000	105	90 - 110	P	08/15/2025	15:55	LB136851
	Silver	1230	1250	99	90 - 110	P	08/15/2025	15:55	LB136851
	Sodium	24800	25000	99	90 - 110	P	08/15/2025	15:55	LB136851
	Thallium	4540	5000	91	90 - 110	P	08/15/2025	15:55	LB136851
	Vanadium	2440	2500	98	90 - 110	P	08/15/2025	15:55	LB136851
	Zinc	2530	2500	101	90 - 110	P	08/15/2025	15:55	LB136851
CCV05	Aluminum	9680	10000	97	90 - 110	P	08/15/2025	16:38	LB136851
	Antimony	5190	5000	104	90 - 110	P	08/15/2025	16:38	LB136851
	Arsenic	5110	5000	102	90 - 110	P	08/15/2025	16:38	LB136851
	Barium	9690	10000	97	90 - 110	P	08/15/2025	16:38	LB136851
	Beryllium	230	250	92	90 - 110	P	08/15/2025	16:38	LB136851
	Cadmium	2400	2500	96	90 - 110	P	08/15/2025	16:38	LB136851
	Calcium	23700	25000	95	90 - 110	P	08/15/2025	16:38	LB136851
	Chromium	985	1000	98	90 - 110	P	08/15/2025	16:38	LB136851
	Cobalt	2410	2500	96	90 - 110	P	08/15/2025	16:38	LB136851
	Copper	1250	1250	100	90 - 110	P	08/15/2025	16:38	LB136851
	Iron	5050	5000	101	90 - 110	P	08/15/2025	16:38	LB136851
	Lead	4830	5000	97	90 - 110	P	08/15/2025	16:38	LB136851
	Magnesium	23500	25000	94	90 - 110	P	08/15/2025	16:38	LB136851
	Manganese	2350	2500	94	90 - 110	P	08/15/2025	16:38	LB136851

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2430	2500	97	90 - 110	P	08/15/2025	16:38	LB136851
	Potassium	25600	25000	102	90 - 110	P	08/15/2025	16:38	LB136851
	Selenium	5240	5000	105	90 - 110	P	08/15/2025	16:38	LB136851
	Silver	1250	1250	100	90 - 110	P	08/15/2025	16:38	LB136851
	Sodium	24600	25000	99	90 - 110	P	08/15/2025	16:38	LB136851
	Thallium	4920	5000	98	90 - 110	P	08/15/2025	16:38	LB136851
	Vanadium	2430	2500	97	90 - 110	P	08/15/2025	16:38	LB136851
	Zinc	2560	2500	102	90 - 110	P	08/15/2025	16:38	LB136851

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	104	70 - 130	CV	08/11/2025	11:11	LB136768
CRI01	Aluminum	89.1	100	89	65 - 135	P	08/11/2025	11:41	LB136778
	Antimony	46.6	50.0	93	65 - 135	P	08/11/2025	11:41	LB136778
	Arsenic	18.6	20.0	93	65 - 135	P	08/11/2025	11:41	LB136778
	Barium	92.3	100	92	65 - 135	P	08/11/2025	11:41	LB136778
	Beryllium	5.86	6.0	98	65 - 135	P	08/11/2025	11:41	LB136778
	Cadmium	5.33	6.0	89	65 - 135	P	08/11/2025	11:41	LB136778
	Calcium	1950	2000	97	65 - 135	P	08/11/2025	11:41	LB136778
	Chromium	9.43	10.0	94	65 - 135	P	08/11/2025	11:41	LB136778
	Cobalt	27.6	30.0	92	65 - 135	P	08/11/2025	11:41	LB136778
	Copper	20.1	20.0	101	65 - 135	P	08/11/2025	11:41	LB136778
	Iron	85.5	100	86	65 - 135	P	08/11/2025	11:41	LB136778
	Lead	12.1	12.0	101	65 - 135	P	08/11/2025	11:41	LB136778
	Magnesium	2050	2000	103	65 - 135	P	08/11/2025	11:41	LB136778
	Manganese	20.1	20.0	100	65 - 135	P	08/11/2025	11:41	LB136778
	Nickel	37.4	40.0	94	65 - 135	P	08/11/2025	11:41	LB136778
	Potassium	1770	2000	88	65 - 135	P	08/11/2025	11:41	LB136778
	Selenium	19.0	20.0	95	65 - 135	P	08/11/2025	11:41	LB136778
	Silver	9.70	10.0	97	65 - 135	P	08/11/2025	11:41	LB136778
	Sodium	1770	2000	89	65 - 135	P	08/11/2025	11:41	LB136778
	Thallium	39.2	40.0	98	65 - 135	P	08/11/2025	11:41	LB136778
	Vanadium	41.4	40.0	104	65 - 135	P	08/11/2025	11:41	LB136778
	Zinc	37.4	40.0	94	65 - 135	P	08/11/2025	11:41	LB136778
CRI01	Aluminum	93.2	100	93	65 - 135	P	08/11/2025	16:58	LB136779
	Antimony	49.4	50.0	99	65 - 135	P	08/11/2025	16:58	LB136779
	Arsenic	18.2	20.0	91	65 - 135	P	08/11/2025	16:58	LB136779
	Barium	92.4	100	92	65 - 135	P	08/11/2025	16:58	LB136779
	Beryllium	5.96	6.0	99	65 - 135	P	08/11/2025	16:58	LB136779
	Cadmium	5.55	6.0	92	65 - 135	P	08/11/2025	16:58	LB136779
	Calcium	1990	2000	99	65 - 135	P	08/11/2025	16:58	LB136779
	Chromium	9.63	10.0	96	65 - 135	P	08/11/2025	16:58	LB136779
	Cobalt	29.0	30.0	96	65 - 135	P	08/11/2025	16:58	LB136779
	Copper	20.7	20.0	103	65 - 135	P	08/11/2025	16:58	LB136779
	Iron	83.7	100	84	65 - 135	P	08/11/2025	16:58	LB136779
	Lead	11.4	12.0	95	65 - 135	P	08/11/2025	16:58	LB136779

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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2070	2000	104	65 - 135	P	08/11/2025	16:58	LB136779
	Manganese	21.0	20.0	105	65 - 135	P	08/11/2025	16:58	LB136779
	Nickel	39.0	40.0	98	65 - 135	P	08/11/2025	16:58	LB136779
	Potassium	1850	2000	92	65 - 135	P	08/11/2025	16:58	LB136779
	Selenium	21.7	20.0	108	65 - 135	P	08/11/2025	16:58	LB136779
	Silver	9.65	10.0	96	65 - 135	P	08/11/2025	16:58	LB136779
	Sodium	1780	2000	89	65 - 135	P	08/11/2025	16:58	LB136779
	Thallium	38.3	40.0	96	65 - 135	P	08/11/2025	16:58	LB136779
	Vanadium	36.1	40.0	90	65 - 135	P	08/11/2025	16:58	LB136779
	Zinc	39.4	40.0	99	65 - 135	P	08/11/2025	16:58	LB136779
CRI01	Aluminum	110	100	110	65 - 135	P	08/15/2025	12:04	LB136851
	Antimony	51.4	50.0	103	65 - 135	P	08/15/2025	12:04	LB136851
	Arsenic	20.3	20.0	101	65 - 135	P	08/15/2025	12:04	LB136851
	Barium	92.9	100	93	65 - 135	P	08/15/2025	12:04	LB136851
	Beryllium	6.29	6.0	105	65 - 135	P	08/15/2025	12:04	LB136851
	Cadmium	5.82	6.0	97	65 - 135	P	08/15/2025	12:04	LB136851
	Calcium	2050	2000	103	65 - 135	P	08/15/2025	12:04	LB136851
	Chromium	10.3	10.0	103	65 - 135	P	08/15/2025	12:04	LB136851
	Cobalt	29.6	30.0	99	65 - 135	P	08/15/2025	12:04	LB136851
	Copper	22.0	20.0	110	65 - 135	P	08/15/2025	12:04	LB136851
	Iron	103	100	103	65 - 135	P	08/15/2025	12:04	LB136851
	Lead	12.6	12.0	105	65 - 135	P	08/15/2025	12:04	LB136851
	Magnesium	2160	2000	108	65 - 135	P	08/15/2025	12:04	LB136851
	Manganese	21.7	20.0	108	65 - 135	P	08/15/2025	12:04	LB136851
	Nickel	40.2	40.0	100	65 - 135	P	08/15/2025	12:04	LB136851
	Potassium	1890	2000	95	65 - 135	P	08/15/2025	12:04	LB136851
	Selenium	20.7	20.0	103	65 - 135	P	08/15/2025	12:04	LB136851
	Silver	10.9	10.0	108	65 - 135	P	08/15/2025	12:04	LB136851
	Sodium	1870	2000	94	65 - 135	P	08/15/2025	12:04	LB136851
	Thallium	39.4	40.0	99	65 - 135	P	08/15/2025	12:04	LB136851
	Vanadium	39.3	40.0	98	65 - 135	P	08/15/2025	12:04	LB136851
	Zinc	42.6	40.0	107	65 - 135	P	08/15/2025	12:04	LB136851

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB06	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	10:35	LB136768

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB15	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	11:08	LB136768
CCB16	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	11:55	LB136768
CCB17	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	12:29	LB136768
CCB18	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	13:34	LB136768
CCB19	Mercury	0.076	+/-0.2	U	0.20	CV	08/11/2025	13:59	LB136768

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/11/2025	11:37	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	11:37	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	11:37	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	11:37	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	11:37	LB136778
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	11:37	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	11:37	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	11:37	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	11:37	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	11:37	LB136778
	Iron	23.4	+/-50	U	100	P	08/11/2025	11:37	LB136778
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	11:37	LB136778
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	11:37	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	11:37	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	11:37	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	11:37	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	11:37	LB136778
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	11:37	LB136778
	Sodium	868	+/-1000	U	2000	P	08/11/2025	11:37	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	11:37	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	11:37	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	11:37	LB136778

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	23.2	+/-50	J	100	P	08/11/2025	12:09	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	12:09	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	12:09	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	12:09	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	12:09	LB136778
	Cadmium	0.90	+/-3	J	6.00	P	08/11/2025	12:09	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	12:09	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	12:09	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	12:09	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	12:09	LB136778
	Iron	23.4	+/-50	U	100	P	08/11/2025	12:09	LB136778
	Lead	2.66	+/-6	J	12.0	P	08/11/2025	12:09	LB136778
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	12:09	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	12:09	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	12:09	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	12:09	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	12:09	LB136778
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	12:09	LB136778
	Sodium	868	+/-1000	U	2000	P	08/11/2025	12:09	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	12:09	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	12:09	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	12:09	LB136778
CCB02	Aluminum	11.8	+/-50	J	100	P	08/11/2025	13:04	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	13:04	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	13:04	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	13:04	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	13:04	LB136778
	Cadmium	0.89	+/-3	J	6.00	P	08/11/2025	13:04	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	13:04	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	13:04	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	13:04	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	13:04	LB136778
	Iron	27.7	+/-50	J	100	P	08/11/2025	13:04	LB136778
	Lead	2.35	+/-6	J	12.0	P	08/11/2025	13:04	LB136778
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	13:04	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	13:04	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	13:04	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	13:04	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	13:04	LB136778

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/11/2025	13:04	LB136778
	Sodium	901	+/-1000	J	2000	P	08/11/2025	13:04	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	13:04	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	13:04	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	13:04	LB136778
CCB03	Aluminum	11.3	+/-50	U	100	P	08/11/2025	14:58	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	14:58	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	14:58	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	14:58	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	14:58	LB136778
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	14:58	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	14:58	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	14:58	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	14:58	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	14:58	LB136778
	Iron	23.4	+/-50	U	100	P	08/11/2025	14:58	LB136778
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	14:58	LB136778
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	14:58	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	14:58	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	14:58	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	14:58	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	14:58	LB136778
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	14:58	LB136778
	Sodium	868	+/-1000	U	2000	P	08/11/2025	14:58	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	14:58	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	14:58	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	14:58	LB136778
CCB04	Aluminum	11.3	+/-50	U	100	P	08/11/2025	16:06	LB136778
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	16:06	LB136778
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	16:06	LB136778
	Barium	14.6	+/-50	U	100	P	08/11/2025	16:06	LB136778
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	16:06	LB136778
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	16:06	LB136778
	Calcium	234	+/-1000	U	2000	P	08/11/2025	16:06	LB136778
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	16:06	LB136778
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	16:06	LB136778
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	16:06	LB136778
	Iron	23.4	+/-50	U	100	P	08/11/2025	16:06	LB136778
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	16:06	LB136778

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/11/2025	16:06	LB136778
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	16:06	LB136778
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	16:06	LB136778
	Potassium	918	+/-1000	U	2000	P	08/11/2025	16:06	LB136778
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	16:06	LB136778
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	16:06	LB136778
	Sodium	868	+/-1000	U	2000	P	08/11/2025	16:06	LB136778
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	16:06	LB136778
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	16:06	LB136778
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	16:06	LB136778

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/11/2025	16:54	LB136779
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	16:54	LB136779
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	16:54	LB136779
	Barium	14.6	+/-50	U	100	P	08/11/2025	16:54	LB136779
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	16:54	LB136779
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	16:54	LB136779
	Calcium	234	+/-1000	U	2000	P	08/11/2025	16:54	LB136779
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	16:54	LB136779
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	16:54	LB136779
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	16:54	LB136779
	Iron	23.4	+/-50	U	100	P	08/11/2025	16:54	LB136779
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	16:54	LB136779
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	16:54	LB136779
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	16:54	LB136779
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	16:54	LB136779
	Potassium	918	+/-1000	U	2000	P	08/11/2025	16:54	LB136779
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	16:54	LB136779
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	16:54	LB136779
	Sodium	868	+/-1000	U	2000	P	08/11/2025	16:54	LB136779
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	16:54	LB136779
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	16:54	LB136779
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	16:54	LB136779

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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	08/11/2025	17:23	LB136779
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	17:23	LB136779
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	17:23	LB136779
	Barium	14.6	+/-50	U	100	P	08/11/2025	17:23	LB136779
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	17:23	LB136779
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	17:23	LB136779
	Calcium	234	+/-1000	U	2000	P	08/11/2025	17:23	LB136779
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	17:23	LB136779
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	17:23	LB136779
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	17:23	LB136779
	Iron	23.4	+/-50	U	100	P	08/11/2025	17:23	LB136779
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	17:23	LB136779
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	17:23	LB136779
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	17:23	LB136779
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	17:23	LB136779
	Potassium	918	+/-1000	U	2000	P	08/11/2025	17:23	LB136779
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	17:23	LB136779
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	17:23	LB136779
	Sodium	868	+/-1000	U	2000	P	08/11/2025	17:23	LB136779
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	17:23	LB136779
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	17:23	LB136779
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	17:23	LB136779
CCB02	Aluminum	11.3	+/-50	U	100	P	08/11/2025	17:48	LB136779
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	17:48	LB136779
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	17:48	LB136779
	Barium	14.6	+/-50	U	100	P	08/11/2025	17:48	LB136779
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	17:48	LB136779
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	17:48	LB136779
	Calcium	234	+/-1000	U	2000	P	08/11/2025	17:48	LB136779
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	17:48	LB136779
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	17:48	LB136779
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	17:48	LB136779
	Iron	23.4	+/-50	U	100	P	08/11/2025	17:48	LB136779
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	17:48	LB136779
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	17:48	LB136779
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	17:48	LB136779
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	17:48	LB136779
	Potassium	918	+/-1000	U	2000	P	08/11/2025	17:48	LB136779
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	17:48	LB136779

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/11/2025	17:48	LB136779
	Sodium	868	+/-1000	U	2000	P	08/11/2025	17:48	LB136779
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	17:48	LB136779
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	17:48	LB136779
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	17:48	LB136779
CCB03	Aluminum	11.3	+/-50	U	100	P	08/11/2025	18:30	LB136779
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	18:30	LB136779
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	18:30	LB136779
	Barium	14.6	+/-50	U	100	P	08/11/2025	18:30	LB136779
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	18:30	LB136779
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	18:30	LB136779
	Calcium	234	+/-1000	U	2000	P	08/11/2025	18:30	LB136779
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	18:30	LB136779
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	18:30	LB136779
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	18:30	LB136779
	Iron	23.4	+/-50	U	100	P	08/11/2025	18:30	LB136779
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	18:30	LB136779
	Magnesium	244	+/-1000	U	2000	P	08/11/2025	18:30	LB136779
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	18:30	LB136779
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	18:30	LB136779
	Potassium	918	+/-1000	U	2000	P	08/11/2025	18:30	LB136779
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	18:30	LB136779
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	18:30	LB136779
	Sodium	868	+/-1000	U	2000	P	08/11/2025	18:30	LB136779
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	18:30	LB136779
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	18:30	LB136779
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	18:30	LB136779
CCB04	Aluminum	11.3	+/-50	U	100	P	08/11/2025	19:03	LB136779
	Antimony	6.76	+/-25	U	50.0	P	08/11/2025	19:03	LB136779
	Arsenic	5.12	+/-10	U	20.0	P	08/11/2025	19:03	LB136779
	Barium	14.6	+/-50	U	100	P	08/11/2025	19:03	LB136779
	Beryllium	0.56	+/-3	U	6.00	P	08/11/2025	19:03	LB136779
	Cadmium	0.50	+/-3	U	6.00	P	08/11/2025	19:03	LB136779
	Calcium	234	+/-1000	U	2000	P	08/11/2025	19:03	LB136779
	Chromium	2.12	+/-5	U	10.0	P	08/11/2025	19:03	LB136779
	Cobalt	2.26	+/-15	U	30.0	P	08/11/2025	19:03	LB136779
	Copper	4.60	+/-10	U	20.0	P	08/11/2025	19:03	LB136779
	Iron	23.4	+/-50	U	100	P	08/11/2025	19:03	LB136779
	Lead	2.30	+/-6	U	12.0	P	08/11/2025	19:03	LB136779

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/11/2025	19:03	LB136779
	Manganese	5.94	+/-10	U	20.0	P	08/11/2025	19:03	LB136779
	Nickel	3.06	+/-20	U	40.0	P	08/11/2025	19:03	LB136779
	Potassium	918	+/-1000	U	2000	P	08/11/2025	19:03	LB136779
	Selenium	9.64	+/-10	U	20.0	P	08/11/2025	19:03	LB136779
	Silver	1.62	+/-5	U	10.0	P	08/11/2025	19:03	LB136779
	Sodium	868	+/-1000	U	2000	P	08/11/2025	19:03	LB136779
	Thallium	4.38	+/-20	U	40.0	P	08/11/2025	19:03	LB136779
	Vanadium	6.26	+/-20	U	40.0	P	08/11/2025	19:03	LB136779
	Zinc	16.7	+/-20	U	40.0	P	08/11/2025	19:03	LB136779

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/15/2025	12:00	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	12:00	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	12:00	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	12:00	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	12:00	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	12:00	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	12:00	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	12:00	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	12:00	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	12:00	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	12:00	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	12:00	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	12:00	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	12:00	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	12:00	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	12:00	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	12:00	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	12:00	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	12:00	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	12:00	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	12:00	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	12:00	LB136851

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	08/15/2025	12:30	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	12:30	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	12:30	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	12:30	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	12:30	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	12:30	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	12:30	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	12:30	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	12:30	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	12:30	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	12:30	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	12:30	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	12:30	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	12:30	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	12:30	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	12:30	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	12:30	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	12:30	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	12:30	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	12:30	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	12:30	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	12:30	LB136851
CCB02	Aluminum	11.3	+/-50	U	100	P	08/15/2025	13:45	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	13:45	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	13:45	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	13:45	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	13:45	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	13:45	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	13:45	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	13:45	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	13:45	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	13:45	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	13:45	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	13:45	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	13:45	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	13:45	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	13:45	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	13:45	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	13:45	LB136851

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/15/2025	13:45	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	13:45	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	13:45	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	13:45	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	13:45	LB136851
CCB03	Aluminum	11.3	+/-50	U	100	P	08/15/2025	15:10	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	15:10	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	15:10	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	15:10	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	15:10	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	15:10	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	15:10	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	15:10	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	15:10	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	15:10	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	15:10	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	15:10	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	15:10	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	15:10	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	15:10	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	15:10	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	15:10	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	15:10	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	15:10	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	15:10	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	15:10	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	15:10	LB136851
CCB04	Aluminum	11.3	+/-50	U	100	P	08/15/2025	16:01	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	16:01	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	16:01	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	16:01	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	16:01	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	16:01	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	16:01	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	16:01	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	16:01	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	16:01	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	16:01	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	16:01	LB136851

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/15/2025	16:01	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	16:01	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	16:01	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	16:01	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	16:01	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	16:01	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	16:01	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	16:01	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	16:01	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	16:01	LB136851
CCB05	Aluminum	21.2	+/-50	J	100	P	08/15/2025	16:45	LB136851
	Antimony	6.76	+/-25	U	50.0	P	08/15/2025	16:45	LB136851
	Arsenic	5.12	+/-10	U	20.0	P	08/15/2025	16:45	LB136851
	Barium	14.6	+/-50	U	100	P	08/15/2025	16:45	LB136851
	Beryllium	0.56	+/-3	U	6.00	P	08/15/2025	16:45	LB136851
	Cadmium	0.50	+/-3	U	6.00	P	08/15/2025	16:45	LB136851
	Calcium	234	+/-1000	U	2000	P	08/15/2025	16:45	LB136851
	Chromium	2.12	+/-5	U	10.0	P	08/15/2025	16:45	LB136851
	Cobalt	2.26	+/-15	U	30.0	P	08/15/2025	16:45	LB136851
	Copper	4.60	+/-10	U	20.0	P	08/15/2025	16:45	LB136851
	Iron	23.4	+/-50	U	100	P	08/15/2025	16:45	LB136851
	Lead	2.30	+/-6	U	12.0	P	08/15/2025	16:45	LB136851
	Magnesium	244	+/-1000	U	2000	P	08/15/2025	16:45	LB136851
	Manganese	5.94	+/-10	U	20.0	P	08/15/2025	16:45	LB136851
	Nickel	3.06	+/-20	U	40.0	P	08/15/2025	16:45	LB136851
	Potassium	918	+/-1000	U	2000	P	08/15/2025	16:45	LB136851
	Selenium	9.64	+/-10	U	20.0	P	08/15/2025	16:45	LB136851
	Silver	1.62	+/-5	U	10.0	P	08/15/2025	16:45	LB136851
	Sodium	868	+/-1000	U	2000	P	08/15/2025	16:45	LB136851
	Thallium	4.38	+/-20	U	40.0	P	08/15/2025	16:45	LB136851
	Vanadium	6.26	+/-20	U	40.0	P	08/15/2025	16:45	LB136851
	Zinc	16.7	+/-20	U	40.0	P	08/15/2025	16:45	LB136851

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Metals
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PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169179BL		**SOLID**		**Batch Number:**	**PB169179**		**Prep Date:**	**08/08/2025**	
	Mercury	0.0080	<0.014	U	0.014	CV	08/11/2025	11:27	LB136768

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169181BL		**SOLID**		**Batch Number:**	**PB169181**		**Prep Date:**	**08/08/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	08/15/2025	14:32	LB136851
	Antimony	0.22	<1.25	U	2.50	P	08/15/2025	14:32	LB136851
	Arsenic	0.19	<0.5	U	1.00	P	08/15/2025	14:32	LB136851
	Barium	0.73	<2.5	U	5.00	P	08/15/2025	14:32	LB136851
	Beryllium	0.025	<0.15	U	0.30	P	08/15/2025	14:32	LB136851
	Cadmium	0.024	<0.15	U	0.30	P	08/15/2025	14:32	LB136851
	Calcium	11.1	<50	U	100	P	08/15/2025	14:32	LB136851
	Chromium	0.047	<0.25	U	0.50	P	08/15/2025	14:32	LB136851
	Cobalt	0.10	<0.75	U	1.50	P	08/15/2025	14:32	LB136851
	Copper	0.22	<0.5	U	1.00	P	08/15/2025	14:32	LB136851
	Iron	3.99	<2.5	U	5.00	P	08/15/2025	14:32	LB136851
	Lead	0.13	<0.3	U	0.60	P	08/15/2025	14:32	LB136851
	Magnesium	12.0	<50	U	100	P	08/15/2025	14:32	LB136851
	Manganese	0.14	<0.5	U	1.00	P	08/15/2025	14:32	LB136851
	Nickel	0.13	<1	U	2.00	P	08/15/2025	14:32	LB136851
	Potassium	27.7	<50	U	100	P	08/15/2025	14:32	LB136851
	Selenium	0.26	<0.5	U	1.00	P	08/15/2025	14:32	LB136851
	Silver	0.12	<0.25	U	0.50	P	08/15/2025	14:32	LB136851
	Sodium	17.8	<50	U	100	P	08/15/2025	14:32	LB136851
	Thallium	0.23	<1	U	2.00	P	08/15/2025	14:32	LB136851
	Vanadium	0.25	<1	U	2.00	P	08/15/2025	14:32	LB136851
	Zinc	0.23	<1	U	2.00	P	08/15/2025	14:32	LB136851

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	235000	255000	92	216000	294000	08/11/2025	11:48	LB136778
	Antimony	-6.34			-50	50	08/11/2025	11:48	LB136778
	Arsenic	8.68			-20	20	08/11/2025	11:48	LB136778
	Barium	0.44	6.0	7	-94	106	08/11/2025	11:48	LB136778
	Beryllium	1.45			-6	6	08/11/2025	11:48	LB136778
	Cadmium	0.96	1.0	96	-5	7	08/11/2025	11:48	LB136778
	Calcium	225000	245000	92	208000	282000	08/11/2025	11:48	LB136778
	Chromium	56.6	52.0	109	42	62	08/11/2025	11:48	LB136778
	Cobalt	1.57			-30	30	08/11/2025	11:48	LB136778
	Copper	5.59	2.0	280	-18	22	08/11/2025	11:48	LB136778
	Iron	97500	101000	96	85600	116500	08/11/2025	11:48	LB136778
	Lead	-5.21			-12	12	08/11/2025	11:48	LB136778
	Magnesium	236000	255000	92	216000	294000	08/11/2025	11:48	LB136778
	Manganese	8.29	7.0	118	-13	27	08/11/2025	11:48	LB136778
	Nickel	5.21	2.0	260	-38	42	08/11/2025	11:48	LB136778
	Potassium	167			0	0	08/11/2025	11:48	LB136778
	Selenium	2.51			-20	20	08/11/2025	11:48	LB136778
	Silver	1.58			-10	10	08/11/2025	11:48	LB136778
	Sodium	112			0	0	08/11/2025	11:48	LB136778
	Thallium	3.95			-40	40	08/11/2025	11:48	LB136778
	Vanadium	5.51			-40	40	08/11/2025	11:48	LB136778
	Zinc	2.77			-40	40	08/11/2025	11:48	LB136778
ICSAB01	Aluminum	242000	247000	98	209000	285000	08/11/2025	11:52	LB136778
	Antimony	582	618	94	525	711	08/11/2025	11:52	LB136778
	Arsenic	104	104	100	88.4	120	08/11/2025	11:52	LB136778
	Barium	485	537	90	437	637	08/11/2025	11:52	LB136778
	Beryllium	489	495	99	420	570	08/11/2025	11:52	LB136778
	Cadmium	933	972	96	826	1120	08/11/2025	11:52	LB136778
	Calcium	232000	235000	99	199000	271000	08/11/2025	11:52	LB136778
	Chromium	530	542	98	460	624	08/11/2025	11:52	LB136778
	Cobalt	472	476	99	404	548	08/11/2025	11:52	LB136778
	Copper	466	511	91	434	588	08/11/2025	11:52	LB136778
	Iron	96100	99300	97	84400	114500	08/11/2025	11:52	LB136778
	Lead	39.0	49.0	80	37	61	08/11/2025	11:52	LB136778
	Magnesium	243000	248000	98	210000	286000	08/11/2025	11:52	LB136778
	Manganese	481	507	95	430	584	08/11/2025	11:52	LB136778
	Nickel	939	954	98	810	1100	08/11/2025	11:52	LB136778
	Potassium	94.0			0	0	08/11/2025	11:52	LB136778
	Selenium	47.3	46.0	103	26	66	08/11/2025	11:52	LB136778
	Silver	209	201	104	170	232	08/11/2025	11:52	LB136778
	Sodium	74.9			0	0	08/11/2025	11:52	LB136778
	Thallium	104	108	96	68	148	08/11/2025	11:52	LB136778

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	480	491	98	417	565	08/11/2025	11:52	LB136778
	Zinc	990	952	104	809	1095	08/11/2025	11:52	LB136778
ICSA01	Aluminum	238000	255000	93	216000	294000	08/11/2025	17:02	LB136779
	Antimony	-2.61			-50	50	08/11/2025	17:02	LB136779
	Arsenic	9.96			-20	20	08/11/2025	17:02	LB136779
	Barium	-1.52	6.0	25	-94	106	08/11/2025	17:02	LB136779
	Beryllium	1.29			-6	6	08/11/2025	17:02	LB136779
	Cadmium	1.92	1.0	192	-5	7	08/11/2025	17:02	LB136779
	Calcium	227000	245000	93	208000	282000	08/11/2025	17:02	LB136779
	Chromium	56.8	52.0	109	42	62	08/11/2025	17:02	LB136779
	Cobalt	1.70			-30	30	08/11/2025	17:02	LB136779
	Copper	-0.68	2.0	34	-18	22	08/11/2025	17:02	LB136779
	Iron	97400	101000	96	85600	116500	08/11/2025	17:02	LB136779
	Lead	-6.75			-12	12	08/11/2025	17:02	LB136779
	Magnesium	240000	255000	94	216000	294000	08/11/2025	17:02	LB136779
	Manganese	9.13	7.0	130	-13	27	08/11/2025	17:02	LB136779
	Nickel	5.25	2.0	262	-38	42	08/11/2025	17:02	LB136779
	Potassium	92.3			0	0	08/11/2025	17:02	LB136779
	Selenium	5.19			-20	20	08/11/2025	17:02	LB136779
	Silver	1.77			-10	10	08/11/2025	17:02	LB136779
	Sodium	103			0	0	08/11/2025	17:02	LB136779
	Thallium	3.34			-40	40	08/11/2025	17:02	LB136779
	Vanadium	2.15			-40	40	08/11/2025	17:02	LB136779
	Zinc	2.14			-40	40	08/11/2025	17:02	LB136779
ICSAB01	Aluminum	236000	247000	96	209000	285000	08/11/2025	17:06	LB136779
	Antimony	579	618	94	525	711	08/11/2025	17:06	LB136779
	Arsenic	103	104	99	88.4	120	08/11/2025	17:06	LB136779
	Barium	464	537	86	437	637	08/11/2025	17:06	LB136779
	Beryllium	464	495	94	420	570	08/11/2025	17:06	LB136779
	Cadmium	945	972	97	826	1120	08/11/2025	17:06	LB136779
	Calcium	225000	235000	96	199000	271000	08/11/2025	17:06	LB136779
	Chromium	534	542	98	460	624	08/11/2025	17:06	LB136779
	Cobalt	477	476	100	404	548	08/11/2025	17:06	LB136779
	Copper	463	511	91	434	588	08/11/2025	17:06	LB136779
	Iron	97900	99300	99	84400	114500	08/11/2025	17:06	LB136779
	Lead	38.9	49.0	79	37	61	08/11/2025	17:06	LB136779
	Magnesium	238000	248000	96	210000	286000	08/11/2025	17:06	LB136779
	Manganese	471	507	93	430	584	08/11/2025	17:06	LB136779
	Nickel	949	954	100	810	1100	08/11/2025	17:06	LB136779
	Potassium	-10.3			0	0	08/11/2025	17:06	LB136779
	Selenium	51.2	46.0	111	26	66	08/11/2025	17:06	LB136779
	Silver	207	201	103	170	232	08/11/2025	17:06	LB136779

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	45.7			0	0	08/11/2025	17:06	LB136779
	Thallium	108	108	100	68	148	08/11/2025	17:06	LB136779
	Vanadium	458	491	93	417	565	08/11/2025	17:06	LB136779
	Zinc	987	952	104	809	1095	08/11/2025	17:06	LB136779
ICSA01	Aluminum	247000	255000	97	216000	294000	08/15/2025	12:09	LB136851
	Antimony	-1.96			-50	50	08/15/2025	12:09	LB136851
	Arsenic	5.72			-20	20	08/15/2025	12:09	LB136851
	Barium	-2.11	6.0	35	-94	106	08/15/2025	12:09	LB136851
	Beryllium	1.33			-6	6	08/15/2025	12:09	LB136851
	Cadmium	3.29	1.0	329	-5	7	08/15/2025	12:09	LB136851
	Calcium	234000	245000	96	208000	282000	08/15/2025	12:09	LB136851
	Chromium	61.2	52.0	118	42	62	08/15/2025	12:09	LB136851
	Cobalt	1.72			-30	30	08/15/2025	12:09	LB136851
	Copper	-6.62	2.0	331	-18	22	08/15/2025	12:09	LB136851
	Iron	102000	101000	101	85600	116500	08/15/2025	12:09	LB136851
	Lead	-4.50			-12	12	08/15/2025	12:09	LB136851
	Magnesium	247000	255000	97	216000	294000	08/15/2025	12:09	LB136851
	Manganese	9.69	7.0	138	-13	27	08/15/2025	12:09	LB136851
	Nickel	6.38	2.0	319	-38	42	08/15/2025	12:09	LB136851
	Potassium	123			0	0	08/15/2025	12:09	LB136851
	Selenium	-2.54			-20	20	08/15/2025	12:09	LB136851
	Silver	2.16			-10	10	08/15/2025	12:09	LB136851
	Sodium	88.5			0	0	08/15/2025	12:09	LB136851
	Thallium	-5.83			-40	40	08/15/2025	12:09	LB136851
	Vanadium	4.25			-40	40	08/15/2025	12:09	LB136851
	Zinc	3.82			-40	40	08/15/2025	12:09	LB136851
ICSAB01	Aluminum	252000	247000	102	209000	285000	08/15/2025	12:13	LB136851
	Antimony	613	618	99	525	711	08/15/2025	12:13	LB136851
	Arsenic	111	104	107	88.4	120	08/15/2025	12:13	LB136851
	Barium	490	537	91	437	637	08/15/2025	12:13	LB136851
	Beryllium	485	495	98	420	570	08/15/2025	12:13	LB136851
	Cadmium	995	972	102	826	1120	08/15/2025	12:13	LB136851
	Calcium	237000	235000	101	199000	271000	08/15/2025	12:13	LB136851
	Chromium	559	542	103	460	624	08/15/2025	12:13	LB136851
	Cobalt	500	476	105	404	548	08/15/2025	12:13	LB136851
	Copper	483	511	94	434	588	08/15/2025	12:13	LB136851
	Iron	102000	99300	103	84400	114500	08/15/2025	12:13	LB136851
	Lead	42.4	49.0	86	37	61	08/15/2025	12:13	LB136851
	Magnesium	250000	248000	101	210000	286000	08/15/2025	12:13	LB136851
	Manganese	494	507	97	430	584	08/15/2025	12:13	LB136851
	Nickel	997	954	104	810	1100	08/15/2025	12:13	LB136851
	Potassium	-30.5			0	0	08/15/2025	12:13	LB136851

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	50.7	46.0	110	26	66	08/15/2025	12:13	LB136851
	Silver	219	201	109	170	232	08/15/2025	12:13	LB136851
	Sodium	26.3			0	0	08/15/2025	12:13	LB136851
	Thallium	94.9	108	88	68	148	08/15/2025	12:13	LB136851
	Vanadium	479	491	98	417	565	08/15/2025	12:13	LB136851
	Zinc	1060	952	111	809	1095	08/15/2025	12:13	LB136851

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q2807

contract: POWE02 **lab code:** ACE

matrix: Solid **sample id:** Q2793-01 **client id:** VNJ-231MS

Percent Solids for Sample: 92.7 **Spiked ID:** Q2793-01MS **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5770		5530		93.4	254		P
Antimony	mg/Kg	75 - 125	21.3		2.38	U	37.4	57	N	P
Arsenic	mg/Kg	75 - 125	31.4		3.57		37.4	74	N	P
Barium	mg/Kg	75 - 125	63.4		55.0		9.3	90		P
Beryllium	mg/Kg	75 - 125	6.57		0.47		9.3	66	N	P
Cadmium	mg/Kg	75 - 125	8.00		0.32		9.3	83		P
Calcium	mg/Kg	75 - 125	1390		1440		46.7	-110		P
Chromium	mg/Kg	75 - 125	21.1		10.1		18.7	59	N	P
Cobalt	mg/Kg	75 - 125	12.3		4.83		9.3	81		P
Copper	mg/Kg	75 - 125	26.6		16.6		14.0	71	N	P
Iron	mg/Kg	75 - 125	9580		10700		140	-806		P
Lead	mg/Kg	75 - 125	82.5		42.2		46.7	86		P
Magnesium	mg/Kg	75 - 125	1510		1480		93.4	42		P
Manganese	mg/Kg	75 - 125	280		302		9.3	-242		P
Nickel	mg/Kg	75 - 125	28.7		9.50		23.3	82		P
Potassium	mg/Kg	75 - 125	943		561		470	81		P
Selenium	mg/Kg	75 - 125	64.0		0.95	U	93.4	68	N	P
Silver	mg/Kg	75 - 125	2.91		0.37	J	3.5	72	N	P
Sodium	mg/Kg	75 - 125	317		235		140	58	N	P
Thallium	mg/Kg	75 - 125	81.7		1.90	U	93.4	88		P
Vanadium	mg/Kg	75 - 125	24.2		14.8		14.0	67	N	P
Zinc	mg/Kg	75 - 125	54.9		48.8		9.3	65		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q2807

contract: POWE02 **lab code:** ACE

matrix: Solid **sample id:** Q2793-01 **client id:** VNJ-231MSD

Percent Solids for Sample: 92.7 **Spiked ID:** Q2793-01MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5350		5530		93.0	-202		P
Antimony	mg/Kg	75 - 125	20.9		2.38	U	37.2	56	N	P
Arsenic	mg/Kg	75 - 125	29.4		3.57		37.2	69	N	P
Barium	mg/Kg	75 - 125	61.3		55.0		9.3	67		P
Beryllium	mg/Kg	75 - 125	6.44		0.47		9.3	64	N	P
Cadmium	mg/Kg	75 - 125	7.86		0.32		9.3	81		P
Calcium	mg/Kg	75 - 125	1360		1440		46.5	-168		P
Chromium	mg/Kg	75 - 125	20.5		10.1		18.6	56	N	P
Cobalt	mg/Kg	75 - 125	12.1		4.83		9.3	78		P
Copper	mg/Kg	75 - 125	26.5		16.6		13.9	71	N	P
Iron	mg/Kg	75 - 125	8260		10700		140	-1746		P
Lead	mg/Kg	75 - 125	77.4		42.2		46.5	76		P
Magnesium	mg/Kg	75 - 125	1410		1480		93.0	-71		P
Manganese	mg/Kg	75 - 125	294		302		9.3	-84		P
Nickel	mg/Kg	75 - 125	27.7		9.50		23.2	78		P
Potassium	mg/Kg	75 - 125	852		561		460	63	N	P
Selenium	mg/Kg	75 - 125	62.7		0.95	U	93.0	67	N	P
Silver	mg/Kg	75 - 125	2.87		0.37	J	3.5	71	N	P
Sodium	mg/Kg	75 - 125	303		235		140	48	N	P
Thallium	mg/Kg	75 - 125	80.7		1.90	U	93.0	87		P
Vanadium	mg/Kg	75 - 125	21.6		14.8		13.9	49	N	P
Zinc	mg/Kg	75 - 125	56.1		48.8		9.3	79		P

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metals
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MATRIX SPIKE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q2807

contract: POWE02 **lab code:** ACE

matrix: Solid **sample id:** Q2807-03 **client id:** COMP-6MS

Percent Solids for Sample: 83.6 **Spiked ID:** Q2807-03MS **Percent Solids for Spike Sample:** 83.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	2.00	D	2.26	D	0.32	-80		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Kleinfelder **level:** low **sdg no.:** Q2807

contract: POWE02 **lab code:** ACE

matrix: Solid **sample id:** Q2807-03 **client id:** COMP-6MSD

Percent Solids for Sample: 83.6 **Spiked ID:** Q2807-03MSD **Percent Solids for Spike Sample:** 83.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	1.61	D	2.26	D	0.29	-222		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** VNJ-231A

Sample ID: Q2793-01 **Spiked ID:** Q2793-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	26.4		2.38	U	38.0	70	N	P
Arsenic	mg/Kg	75 - 125	29.8		3.57		38.0	69	N	P
Beryllium	mg/Kg	75 - 125	6.64		0.47		9.50	65	N	P
Chromium	mg/Kg	75 - 125	21.9		10.1		19.0	62	N	P
Copper	mg/Kg	75 - 125	25.4		16.6		14.3	61	N	P
Potassium	mg/Kg	75 - 125	849		561		480	60	N	P
Selenium	mg/Kg	75 - 125	66.9		0.95	U	95.0	70	N	P
Silver	mg/Kg	75 - 125	2.86		0.37	J	3.60	69	N	P
Sodium	mg/Kg	75 - 125	298		235		140	45	N	P
Vanadium	mg/Kg	75 - 125	23.9		14.8		14.3	63	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2793-01 **Client ID:** VNJ-231DUP

Percent Solids for Sample: 92.7 **Duplicate ID** Q2793-01DUP **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5530		5320		4		P
Antimony	mg/Kg	20	2.38	U	2.36	U			P
Arsenic	mg/Kg	20	3.57		3.19		11		P
Barium	mg/Kg	20	55.0		56.3		2		P
Beryllium	mg/Kg	20	0.47		0.46		4		P
Cadmium	mg/Kg	20	0.32		0.33		4		P
Calcium	mg/Kg	20	1440		1390		4		P
Chromium	mg/Kg	20	10.1		8.58		16		P
Cobalt	mg/Kg	20	4.83		4.65		4		P
Copper	mg/Kg	20	16.6		18.5		11		P
Iron	mg/Kg	20	10700		9500		12		P
Lead	mg/Kg	20	42.2		45.6		8		P
Magnesium	mg/Kg	20	1480		1430		3		P
Manganese	mg/Kg	20	302		303		0		P
Nickel	mg/Kg	20	9.50		9.22		3		P
Potassium	mg/Kg	20	561		552		2		P
Selenium	mg/Kg	20	0.95	U	0.94	U			P
Silver	mg/Kg	20	0.37	J	0.31	J	18		P
Sodium	mg/Kg	20	235		222		6		P
Thallium	mg/Kg	20	1.90	U	1.88	U			P
Vanadium	mg/Kg	20	14.8		13.5		9		P
Zinc	mg/Kg	20	48.8		47.6		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2793-01MS **Client ID:** VNJ-231MSD

Percent Solids for Sample: 92.7 **Duplicate ID** Q2793-01MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5770		5350		8		P
Antimony	mg/Kg	20	21.3		20.9		2		P
Arsenic	mg/Kg	20	31.4		29.4		7		P
Barium	mg/Kg	20	63.4		61.3		3		P
Beryllium	mg/Kg	20	6.57		6.44		2		P
Cadmium	mg/Kg	20	8.00		7.86		2		P
Calcium	mg/Kg	20	1390		1360		2		P
Chromium	mg/Kg	20	21.1		20.5		3		P
Cobalt	mg/Kg	20	12.3		12.1		2		P
Copper	mg/Kg	20	26.6		26.5		0		P
Iron	mg/Kg	20	9580		8260		15		P
Lead	mg/Kg	20	82.5		77.4		6		P
Magnesium	mg/Kg	20	1510		1410		7		P
Manganese	mg/Kg	20	280		294		5		P
Nickel	mg/Kg	20	28.7		27.7		4		P
Potassium	mg/Kg	20	943		852		10		P
Selenium	mg/Kg	20	64.0		62.7		2		P
Silver	mg/Kg	20	2.91		2.87		1		P
Sodium	mg/Kg	20	317		303		5		P
Thallium	mg/Kg	20	81.7		80.7		1		P
Vanadium	mg/Kg	20	24.2		21.6		11		P
Zinc	mg/Kg	20	54.9		56.1		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2807-03 **Client ID:** COMP-6DUP

Percent Solids for Sample: 83.6 **Duplicate ID** Q2807-03DUP **Percent Solids for Spike Sample:** 83.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.26	D	1.77	D	24	*	CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Kleinfelder **Level:** LOW **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2807-03MS **Client ID:** COMP-6MSD

Percent Solids for Sample: 83.6 **Duplicate ID** Q2807-03MSD **Percent Solids for Spike Sample:** 83.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.00	D	1.61	D	22	*	CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169179BS							
Mercury	mg/Kg	0.28	0.26		94	80 - 120	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169181BS							
Aluminum	mg/Kg	100	98.7		99	80 - 120	P
Antimony	mg/Kg	40.0	42.0		105	80 - 120	P
Arsenic	mg/Kg	40.0	39.7		99	80 - 120	P
Barium	mg/Kg	10.0	9.19		92	80 - 120	P
Beryllium	mg/Kg	10.0	9.20		92	80 - 120	P
Cadmium	mg/Kg	10.0	9.07		91	80 - 120	P
Calcium	mg/Kg	50.0	56.8	J	114	80 - 120	P
Chromium	mg/Kg	20.0	20.3		102	80 - 120	P
Cobalt	mg/Kg	10.0	9.39		94	80 - 120	P
Copper	mg/Kg	15.0	15.1		101	80 - 120	P
Iron	mg/Kg	150	152		101	80 - 120	P
Lead	mg/Kg	50.0	45.5		91	80 - 120	P
Magnesium	mg/Kg	100	98.2	J	98	80 - 120	P
Manganese	mg/Kg	10.0	9.89		99	80 - 120	P
Nickel	mg/Kg	25.0	23.7		95	80 - 120	P
Potassium	mg/Kg	500	479		96	80 - 120	P
Selenium	mg/Kg	100	99.8		100	80 - 120	P
Silver	mg/Kg	3.8	3.63		96	80 - 120	P
Sodium	mg/Kg	150	142		95	80 - 120	P
Thallium	mg/Kg	100	88.3		88	80 - 120	P
Vanadium	mg/Kg	15.0	14.9		99	80 - 120	P
Zinc	mg/Kg	10.0	10.6		106	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-231L

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **Lb No.:** lb136778 **Lab Sample ID :** Q2793-01L **SDG No.:** Q2807

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	5530		6090		10		P
Antimony	2.38	U	11.9	U			P
Arsenic	3.57		3.46	J	3		P
Barium	55.0		57.3		4		P
Beryllium	0.47		0.54	J	14		P
Cadmium	0.32		0.16	J	51		P
Calcium	1440		1610		12		P
Chromium	10.1		11.0		10		P
Cobalt	4.83		4.61	J	5		P
Copper	16.6		19.8		19		P
Iron	10700		11500		8		P
Lead	42.2		42.3		0		P
Magnesium	1480		1640		11		P
Manganese	302		334		11		P
Nickel	9.50		9.45	J	1		P
Potassium	561		604		8		P
Selenium	0.95	U	4.75	U			P
Silver	0.37	J	2.38	U	100.0		P
Sodium	235		236	J	0		P
Thallium	1.90	U	9.50	U			P
Vanadium	14.8		16.3		10		P
Zinc	48.8		53.1		9		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

COMP-6L

Lab Name: Alliance **Contract:** POWE02

Lab Code: ACE **Lb No.:** lb136768 **Lab Sample ID :** Q2807-03L **SDG No.:** Q2807

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	1.27	OR	0.42		67		CV

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169179**						
PB169179BL	PB169179BL	MB	SOLID	08/08/2025	0.50	35.0	100.00
PB169179BS	PB169179BS	LCS	SOLID	08/08/2025	0.50	35.0	100.00
Q2807-01	COMP-4	SAM	SOLID	08/08/2025	0.57	35.0	83.10
Q2807-02	COMP-5	SAM	SOLID	08/08/2025	0.58	35.0	84.50
Q2807-03	COMP-6	SAM	SOLID	08/08/2025	0.53	35.0	83.60
Q2807-03DUP	COMP-6DUP	DUP	SOLID	08/08/2025	0.57	35.0	83.60
Q2807-03MS	COMP-6MS	MS	SOLID	08/08/2025	0.53	35.0	83.60
Q2807-03MSD	COMP-6MSD	MSD	SOLID	08/08/2025	0.57	35.0	83.60

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SAMPLE PREPARATION SUMMARY

Client: Kleinfelder **SDG No.:** Q2807

Contract: POWE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169181**						
PB169181BL	PB169181BL	MB	SOLID	08/08/2025	2.00	100.0	100.00
PB169181BS	PB169181BS	LCS	SOLID	08/08/2025	2.00	100.0	100.00
Q2793-01DUP	VNJ-231DUP	DUP	SOLID	08/08/2025	2.29	100.0	92.70
Q2793-01MS	VNJ-231MS	MS	SOLID	08/08/2025	2.31	100.0	92.70
Q2793-01MSD	VNJ-231MSD	MSD	SOLID	08/08/2025	2.32	100.0	92.70
Q2807-01	COMP-4	SAM	SOLID	08/08/2025	2.26	100.0	83.10
Q2807-02	COMP-5	SAM	SOLID	08/08/2025	2.42	100.0	84.50
Q2807-03	COMP-6	SAM	SOLID	08/08/2025	2.37	100.0	83.60

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: ACE **Sdg no.:** Q2807

Instrument id number: **Method:** **Run number:** LB136768

Start date: 08/11/2025 **End date:** 08/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0958	HG
S0.2	S0.2	1	1010	HG
S2.5	S2.5	1	1019	HG
S5	S5	1	1025	HG
S7.5	S7.5	1	1027	HG
S10	S10	1	1030	HG
ICV06	ICV06	1	1033	HG
ICB06	ICB06	1	1035	HG
CCV15	CCV15	1	1106	HG
CCB15	CCB15	1	1108	HG
CRA	CRA	1	1111	HG
PB169179BL	PB169179BL	1	1127	HG
PB169179BS	PB169179BS	1	1129	HG
CCV16	CCV16	1	1153	HG
CCB16	CCB16	1	1155	HG
CCV17	CCV17	1	1226	HG
CCB17	CCB17	1	1229	HG
Q2807-03L	COMP-6L	5	1241	HG
Q2807-01	COMP-4	10	1325	HG
CCV18	CCV18	1	1332	HG
CCB18	CCB18	1	1334	HG
Q2807-02	COMP-5	10	1337	HG
Q2807-03	COMP-6	10	1339	HG
Q2807-03DUP	COMP-6DUP	10	1341	HG
Q2807-03MSD	COMP-6MSD	10	1344	HG
Q2807-03MS	COMP-6MS	10	1354	HG
CCV19	CCV19	1	1356	HG
CCB19	CCB19	1	1359	HG

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: ACE **Sdg no.:** Q2807

Instrument id number: **Method:** **Run number:** LB136778

Start date: 08/11/2025 **End date:** 08/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1043	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1048	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1052	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1056	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1100	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1109	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1148	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1205	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1209	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1300	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1304	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1458	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01DUP	VNJ-231DUP	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01L	VNJ-231L	5	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01MS	VNJ-231MS	1	1511	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01MSD	VNJ-231MSD	1	1515	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2793-01A	VNJ-231A	1	1519	Ag,As,Be,Cr,Cu,K,Na,Sb,Se,V
CCV04	CCV04	1	1602	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1606	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: ACE **Sdg no.:** Q2807

Instrument id number: **Method:** **Run number:** LB136779

Start date: 08/11/2025 **End date:** 08/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1619	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1623	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1627	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1631	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1636	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1640	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1644	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1649	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1654	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1658	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1702	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1706	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1719	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1723	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1744	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1748	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1826	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1830	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2807-01	COMP-4	1	1842	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2807-02	COMP-5	1	1847	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2807-03	COMP-6	1	1851	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1859	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1903	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Kleinfelder **Contract:** POWE02

Lab code: ACE **Sdg no.:** Q2807

Instrument id number: **Method:** **Run number:** LB136851

Start date: 08/15/2025 **End date:** 08/15/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1125	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1129	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1200	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1204	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1209	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1213	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1230	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1340	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169181BL	PB169181BL	1	1432	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169181BS	PB169181BS	1	1451	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1510	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1555	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1601	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1645	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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LAB CHRONICLE

OrderID:	Q2807	**OrderDate:**	8/8/2025 10:01:00 AM
Client:	Kleinfelder	**Project:**	Girard School - PA
Contact:	Mark Warchol	**Location:**	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2807-01	**COMP-4**	**SOIL**			**08/07/25 09:00**			**08/08/25**
			Ammonia	SM4500-NH3		08/11/25	08/12/25 10:08	
			Anions Group1	9056A			08/08/25 11:49	
			Hexavalent Chromium	7196A		08/11/25	08/11/25 14:05	
			Trivalent Chromium	6010D			08/11/25 18:42	
Q2807-02	**COMP-5**	**SOIL**			**08/07/25 09:50**			**08/08/25**
			Ammonia	SM4500-NH3		08/11/25	08/12/25 10:08	
			Anions Group1	9056A			08/08/25 13:39	
			Hexavalent Chromium	7196A		08/11/25	08/11/25 14:06	
			Trivalent Chromium	6010D			08/11/25 18:47	
Q2807-03	**COMP-6**	**SOIL**			**08/07/25 10:30**			**08/08/25**
			Ammonia	SM4500-NH3		08/11/25	08/12/25 10:08	
			Anions Group1	9056A			08/08/25 14:00	
			Hexavalent Chromium	7196A		08/11/25	08/11/25 14:07	
			Trivalent Chromium	6010D			08/11/25 18:51	

SAMPLE DATA

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25 09:00
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-4	SDG No.:	Q2807
Lab Sample ID:	Q2807-01	Matrix:	SOIL
		% Solid:	83.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.60	U	1	2.60	5.90	mg/Kg	08/11/25 12:00	08/12/25 10:08	SM 4500-NH3 B plus G-21
Chloride	50.5		1	4.20	14.4	mg/Kg		08/08/25 11:49	9056A
Fluoride	9.80		1	2.10	9.60	mg/Kg		08/08/25 11:49	9056A
Sulfate	19.0	J	1	10.5	71.9	mg/Kg		08/08/25 11:49	9056A
Hexavalent Chromium	0.082	U	1	0.082	0.47	mg/Kg	08/11/25 09:15	08/11/25 14:05	7196A
Trivalent Chromium	18.5		1	0.60	0.60	mg/Kg		08/11/25 18:42	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25 09:50
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-5	SDG No.:	Q2807
Lab Sample ID:	Q2807-02	Matrix:	SOIL
		% Solid:	84.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.50	U	1	2.50	5.70	mg/Kg	08/11/25 12:00	08/12/25 10:08	SM 4500-NH3 B plus G-21
Chloride	12.2	J	1	4.10	14.2	mg/Kg		08/08/25 13:39	9056A
Fluoride	5.40	J	1	2.10	9.40	mg/Kg		08/08/25 13:39	9056A
Sulfate	19.2	J	1	10.4	70.9	mg/Kg		08/08/25 13:39	9056A
Hexavalent Chromium	0.083	U	1	0.083	0.47	mg/Kg	08/11/25 09:15	08/11/25 14:06	7196A
Trivalent Chromium	12.6		1	0.59	0.59	mg/Kg		08/11/25 18:47	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Kleinfelder	Date Collected:	08/07/25 10:30
Project:	Girard School - PA	Date Received:	08/08/25
Client Sample ID:	COMP-6	SDG No.:	Q2807
Lab Sample ID:	Q2807-03	Matrix:	SOIL
		% Solid:	83.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.60	U	1	2.60	5.80	mg/Kg	08/11/25 12:00	08/12/25 10:08	SM 4500-NH3 B plus G-21
Chloride	163		1	4.20	14.4	mg/Kg		08/08/25 14:00	9056A
Fluoride	9.80		1	2.10	9.60	mg/Kg		08/08/25 14:00	9056A
Sulfate	24.9	J	1	10.5	71.8	mg/Kg		08/08/25 14:00	9056A
Hexavalent Chromium	0.081	U	1	0.081	0.47	mg/Kg	08/11/25 09:15	08/11/25 14:07	7196A
Trivalent Chromium	16.3		1	0.60	0.60	mg/Kg		08/11/25 18:51	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

Alliance TECHNICAL GROUP
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Initial and Continuing Calibration Verification

Client: Kleinfelder **SDG No.:** Q2807

Project: Girard School - PA **RunNo.:** LB136749

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Bromide	mg/L	10.3	10	103	90-110	08/06/2025
Chloride	mg/L	3.2	3	107	90-110	08/06/2025
Fluoride	mg/L	2	2	100	90-110	08/06/2025
Nitrite	mg/L	3.1	3	103	90-110	08/06/2025
Nitrate	mg/L	2.6	2.5	104	90-110	08/06/2025
Sulfate	mg/L	15.4	15	103	90-110	08/06/2025
Orthophosphate as P	mg/L	5	5	100	90-110	08/06/2025
Sample ID: **CCV1**						
Bromide	mg/L	10.1	10	101	90-110	08/08/2025
Chloride	mg/L	3	3	100	90-110	08/08/2025
Fluoride	mg/L	2	2	100	90-110	08/08/2025
Nitrite	mg/L	3	3	100	90-110	08/08/2025
Nitrate	mg/L	2.5	2.5	100	90-110	08/08/2025
Sulfate	mg/L	15	15	100	90-110	08/08/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	08/08/2025
Sample ID: **CCV2**						
Bromide	mg/L	10.1	10	101	90-110	08/08/2025
Chloride	mg/L	3	3	100	90-110	08/08/2025
Fluoride	mg/L	2	2	100	90-110	08/08/2025
Nitrite	mg/L	3	3	100	90-110	08/08/2025
Nitrate	mg/L	2.5	2.5	100	90-110	08/08/2025
Sulfate	mg/L	14.9	15	99	90-110	08/08/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	08/08/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q2807
Project:	Girard School - PA	**RunNo.:**	LB136775

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	08/11/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	08/11/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	08/11/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.497	0.5	99	90-110	08/11/2025

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Initial and Continuing Calibration Verification

Client:	Kleinfelder	**SDG No.:**	Q2807
Project:	Girard School - PA	**RunNo.:**	LB136784

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Ammonia as N	mg/L	0.99	1	99	90-110	08/12/2025
Sample ID: CCV1						
Ammonia as N	mg/L	0.97	1	97	90-110	08/12/2025
Sample ID: CCV2						
Ammonia as N	mg/L	0.97	1	97	90-110	08/12/2025
Sample ID: CCV3						
Ammonia as N	mg/L	1	1	100	90-110	08/12/2025
Sample ID: CCV4						
Ammonia as N	mg/L	0.99	1	99	90-110	08/12/2025

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Initial and Continuing Calibration Blank Summary

Client: Kleinfelder **SDG No.:** Q2807

Project: Girard School - PA **RunNo.:** LB136749

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/06/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/08/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/08/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/08/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/08/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/08/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/08/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/08/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	08/08/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	08/08/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	08/08/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	08/08/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	08/08/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	08/08/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	08/08/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q2807
Project:	Girard School - PA	**RunNo.:**	LB136775

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	08/11/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	08/11/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	08/11/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	08/11/2025

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Initial and Continuing Calibration Blank Summary

Client:	Kleinfelder	**SDG No.:**	Q2807
Project:	Girard School - PA	**RunNo.:**	LB136784

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Ammonia as N	mg/L	0.032	0.0500	J	0.030	0.1	08/12/2025
Sample ID: CCB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB2							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB3							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025
Sample ID: CCB4							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	08/12/2025

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Preparation Blank Summary

Client: Kleinfelder **SDG No.:** Q2807

Project: Girard School - PA

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136749BLS							
Bromide	mg/Kg	< 20.0000	20.0000	U	7	40	08/08/2025
Chloride	mg/Kg	< 6.0000	6.0000	U	3.5	12	08/08/2025
Fluoride	mg/Kg	< 4.0000	4.0000	U	1.8	8	08/08/2025
Nitrite	mg/Kg	< 6.0000	6.0000	U	1.5	12	08/08/2025
Nitrate	mg/Kg	< 5.0000	5.0000	U	1.8	10	08/08/2025
Sulfate	mg/Kg	< 30.0000	30.0000	U	8.8	60	08/08/2025
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	6.7	20	08/08/2025
Sample ID: PB169184BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	08/11/2025
Sample ID: PB169198BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	08/12/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MS
SDG No.: Q2807
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	55.3		2.60	U	58.3	1	95		08/12/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MS

SDG No.: Q2807
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1520		0.083	U	1560	40	97		08/11/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MS
SDG No.: Q2807
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	46.3		0.083	U	48.5	2	96		08/11/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MSD

SDG No.: Q2807
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	56.0		2.60	U	59.4	1	94		08/12/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MS

SDG No.: Q2807
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	42.0		0.083	U	48.5	2	87		08/11/2025

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Matrix Spike Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-4MS
SDG No.: Q2807
Sample ID: Q2807-01
Percent Solids for Spike Sample: 83.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	248		8.40	U	240	1	103		08/08/2025
Chloride	mg/Kg	80-120	122		50.5		72.1	1	99		08/08/2025
Fluoride	mg/Kg	80-120	47.7		9.80		48	1	79	*	08/08/2025
Nitrite	mg/Kg	80-120	73.7		1.80	U	72.1	1	102		08/08/2025
Nitrate	mg/Kg	80-120	62.6		2.20	U	60	1	104		08/08/2025
Sulfate	mg/Kg	80-120	375		19.0	J	360	1	99		08/08/2025
Orthophosphate as P	mg/Kg	80-120	95.5		8.00	U	120	1	80	*	08/08/2025

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Matrix Spike Summary

Client: Kleinfelder
SDG No.: Q2807
Project: Girard School - PA
Sample ID: Q2807-01
Client ID: COMP-4MSD
Percent Solids for Spike Sample: 83.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	247		8.40	U	240	1	103		08/08/2025
Chloride	mg/Kg	80-120	121		50.5		71.8	1	98		08/08/2025
Fluoride	mg/Kg	80-120	47.2		9.80		47.8	1	78	*	08/08/2025
Nitrite	mg/Kg	80-120	73.5		1.80	U	71.8	1	102		08/08/2025
Nitrate	mg/Kg	80-120	62.3		2.20	U	59.8	1	104		08/08/2025
Sulfate	mg/Kg	80-120	373		19.0	J	360	1	98		08/08/2025
Orthophosphate as P	mg/Kg	80-120	92.0		8.00	U	120	1	77	*	08/08/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1DUP

SDG No.: Q2807
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.083	U	0.083	U	1	0		08/11/2025
Ammonia as N	mg/Kg	+/-20	2.60	U	2.60	U	1	0		08/12/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-1MSD
SDG No.: Q2807
Sample ID: Q2795-01
Percent Solids for Spike Sample: 82.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	55.3		56.0		1	1		08/12/2025

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Duplicate Sample Summary

Client: Kleinfelder
Project: Girard School - PA
Client ID: COMP-4MSD

SDG No.: Q2807
Sample ID: Q2807-01
Percent Solids for Spike Sample: 83.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Bromide	mg/Kg	+/-15	248		247		1	0		08/08/2025
Nitrate	mg/Kg	+/-15	62.6		62.3		1	0		08/08/2025
Nitrite	mg/Kg	+/-15	73.7		73.5		1	0		08/08/2025
Chloride	mg/Kg	+/-15	122		121		1	1		08/08/2025
Fluoride	mg/Kg	+/-15	47.7		47.2		1	1		08/08/2025
Sulfate	mg/Kg	+/-15	375		373		1	1		08/08/2025
Orthophosphate as P	mg/Kg	+/-15	95.5		92.0		1	4		08/08/2025

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Laboratory Control Sample Summary

Client: Kleinfelder **SDG No.:** Q2807

Project: Girard School - PA **Run No.:** LB136749

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136749BSS								
Bromide	mg/Kg	200	202		101	1	90-110	08/08/2025
Chloride	mg/Kg	60	60.8		101	1	90-110	08/08/2025
Fluoride	mg/Kg	40	40.5		101	1	90-110	08/08/2025
Nitrite	mg/Kg	60	60.3		100	1	90-110	08/08/2025
Nitrate	mg/Kg	50	50.3		101	1	90-110	08/08/2025
Sulfate	mg/Kg	300	300		100	1	90-110	08/08/2025
Orthophosphate as P	mg/Kg	100	102		102	1	90-110	08/08/2025

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q2807
Project:	Girard School - PA	**Run No.:**	LB136775

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB169184BS								
Hexavalent Chromium	**mg/Kg**	**20**	**20.0**		**100**	**1**	**84-110**	**08/11/2025**

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Laboratory Control Sample Summary

Client:	Kleinfelder	**SDG No.:**	Q2807
Project:	Girard School - PA	**Run No.:**	LB136784

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB169198BS								
Ammonia as N	mg/Kg	50	50.4		101	1	90-110	08/12/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2807
COC Number 2045306

11
11.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Girard School
PROJECT NO.: 20001558.001A LOCATION: Philadelphia
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 4 (QC + Full Raw Data)
- ☑ Level 2 (Results + QC)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

PADEP Historic Clean Fill Parameters

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (E)	2	3	4	5	6	7	8	9	COMMENTS
1.	COMP-4	Soil	✓		8/7/25	9:00	4	✓									
2.	COMP-5	↓	↓		↓	9:50	↓	↓									
3.	COMP-6	↓	↓		↓	10:30	↓	↓									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/7/25	1.
2.	8/8/25 937	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
Comments: If Cont 1

Page 1 of 1
CLIENT: ☐ Hand Delivered ☑ Other FedEx
Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2807 POWE02
Client Name : Kleinfelder
Client Contact : Mark Warchol
Invoice Name : Kleinfelder
Invoice Contact : Mark Warchol

Order Date : 8/8/2025 10:01:00 AM
Project Name : Girad School
Receive DateTime : 8/8/2025 9:37:00 AM
Purchase Order :

Project Mgr :
Report Type : Results+QC
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2807-01	COMP-4	Solid	08/07/2025	09:00					
					VOCMS Group1		8260D		5 Bus. Days
Q2807-02	COMP-5	Solid	08/07/2025	09:50					
					VOCMS Group1		8260D		5 Bus. Days
Q2807-03	COMP-6	Solid	08/07/2025	10:30					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By : CP
Date / Time : 8/8/25 10:18

Received By : Sam
Date / Time : 08/08/25 10:18 IR# 6 FED 2

Storage Area : VOA Refridgerator Room