

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

LAB CHRONICLE

OrderID:	Q1995	OrderDate:	5/9/2025 10:41:40 AM
Client:	TechLaw Consultants, Inc	Project:	REAC - 83150.1.029.08ME.A.LPV818.0800
Contact:	Jim Burden	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1995-01	ERT-273	SOIL	TOC	9060A	05/06/25 11:15		05/16/25 09:30	05/09/25
Q1995-02	ERT-274	SOIL	TOC	9060A	05/07/25 08:05		05/16/25 09:41	05/09/25
Q1995-03	ERT-275	SOIL	TOC	9060A	05/07/25 08:15		05/16/25 09:50	05/09/25
Q1995-04	ERT-276	SOIL	TOC	9060A	05/07/25 09:50		05/16/25 10:16	05/09/25
Q1995-05	ERT-277	SOIL	TOC	9060A	05/07/25 10:05		05/16/25 10:27	05/09/25
Q1995-06	ERT-278	SOIL	TOC	9060A	05/07/25 10:07		05/16/25 11:07	05/09/25
Q1995-07	ERT-279	SOIL	TOC	9060A	05/07/25 10:10		05/16/25 11:49	05/09/25



SAMPLE DATA

Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	05/06/25 11:15
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Date Received:	05/09/25
Client Sample ID:	ERT-273	SDG No.:	Q1995
Lab Sample ID:	Q1995-01	Matrix:	SOIL
		% Solid:	94.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1600		1	28.9	250	mg/Kg		05/16/25 09:30	9060A

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

Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	05/07/25 08:05
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Date Received:	05/09/25
Client Sample ID:	ERT-274	SDG No.:	Q1995
Lab Sample ID:	Q1995-02	Matrix:	SOIL
		% Solid:	72.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	3600		1	28.9	250	mg/Kg		05/16/25 09:41	9060A

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

Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	05/07/25 08:15
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Date Received:	05/09/25
Client Sample ID:	ERT-275	SDG No.:	Q1995
Lab Sample ID:	Q1995-03	Matrix:	SOIL
		% Solid:	97.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	2950		1	28.9	250	mg/Kg		05/16/25 09:50	9060A

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	05/07/25 09:50
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Date Received:	05/09/25
Client Sample ID:	ERT-276	SDG No.:	Q1995
Lab Sample ID:	Q1995-04	Matrix:	SOIL
		% Solid:	82.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	1690		1	28.9	250	mg/Kg		05/16/25 10:16	9060A

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

Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	05/07/25 10:05
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Date Received:	05/09/25
Client Sample ID:	ERT-277	SDG No.:	Q1995
Lab Sample ID:	Q1995-05	Matrix:	SOIL
		% Solid:	88

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	6500		1	28.9	250	mg/Kg		05/16/25 10:27	9060A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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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

Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	05/07/25 10:07
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Date Received:	05/09/25
Client Sample ID:	ERT-278	SDG No.:	Q1995
Lab Sample ID:	Q1995-06	Matrix:	SOIL
		% Solid:	77.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	11400	OR	1	28.9	250	mg/Kg		05/16/25 11:07	9060A

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

Report of Analysis

Client:	TechLaw Consultants, Inc	Date Collected:	05/07/25 10:10
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Date Received:	05/09/25
Client Sample ID:	ERT-279	SDG No.:	Q1995
Lab Sample ID:	Q1995-07	Matrix:	SOIL
		% Solid:	85.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
TOC	4740		1	28.9	250	mg/Kg		05/16/25 11:49	9060A

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

Initial and Continuing Calibration Verification

Client: TechLaw Consultants, Inc

SDG No.: Q1995

Project: REAC - 83150.1.029.08ME.A.LPV818.0800

RunNo.: LB135795

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: TOC	ICV1	mg/L	1030	1000	103	90-110	03/14/2025
Sample ID: TOC	CCV1	mg/L	992	1000	99	90-110	05/16/2025
Sample ID: TOC	CCV2	mg/L	1030	1000	103	90-110	05/16/2025
Sample ID: TOC	CCV3	mg/L	1030	1000	103	90-110	05/16/2025

Initial and Continuing Calibration Verification

Client: TechLaw Consultants, Inc

SDG No.: Q1995

Project: REAC - 83150.1.029.08ME.A.LPV818.0800

RunNo.: LB135795

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
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Initial and Continuing Calibration Blank Summary

Client: TechLaw Consultants, Inc

SDG No.: Q1995

Project: REAC - 83150.1.029.08ME.A.LPV818.0800

RunNo.: LB135795

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	03/14/2025
Sample ID: CCB1 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	05/16/2025
Sample ID: CCB2 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	05/16/2025
Sample ID: CCB3 TOC	mg/L	< 125.0000	125.0000	U	22.3	250	05/16/2025

Initial and Continuing Calibration Blank Summary

Client: TechLaw Consultants, Inc

SDG No.: Q1995

Project: REAC - 83150.1.029.08ME.A.LPV818.0800

RunNo.: LB135795

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
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Preparation Blank Summary

Client: TechLaw Consultants, Inc

SDG No.: Q1995

Project: REAC - 83150.1.029.08ME.A.LPV818.0800

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB135795BLS						
TOC	mg/Kg	< 125.0000	125.0000	U	28.9	250	05/16/2025

Matrix Spike Summary

Client:	TechLaw Consultants, Inc	SDG No.:	Q1995
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Sample ID:	Q1995-05
Client ID:	ERT-277MS	Percent Solids for Spike Sample:	88

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/Kg	75-125	7460		6500		1000	1	96		05/16/2025

Matrix Spike Summary

Client:	TechLaw Consultants, Inc	SDG No.:	Q1995
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Sample ID:	Q1995-05
Client ID:	ERT-277MSD	Percent Solids for Spike Sample:	88

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TOC	mg/Kg	75-125	7560		6500		1000	1	106		05/16/2025

Duplicate Sample Summary

Client:	TechLaw Consultants, Inc	SDG No.:	Q1995
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Sample ID:	Q1995-05
Client ID:	ERT-277MSD	Percent Solids for Spike Sample:	88

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	7460		7560		1	1		05/16/2025

Laboratory Control Sample Summary

Client:	TechLaw Consultants, Inc	SDG No.:	Q1995
Project:	REAC - 83150.1.029.08ME.A.LPV818.0800	Run No.:	LB135795

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135795BSS							
TOC	mg/Kg	1000	1010		101	1	90-110	05/16/2025



RAW DATA

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
CCV1	945.7203			TOC	
CCV1	990.0864			TOC	
CCV1	1006.5810			TOC	
CCV1.....	1027.2491...	..	...	TOC	..
CCB1	1.7607			TOC	
CCB1	6.0516			TOC	
CCB1.....	7.4965...	..	...	TOC	..
CCB1	7.0822			TOC	
LB135795BLS	6.6870			TOC	
LB135795BLS.....	5.6627...	..	...	TOC	..
LB135795BLS	7.2323			TOC	
LB135795BLS	2.6043			TOC	
LB135795BSS.....	1023.4130...	..	...	TOC	..
LB135795BSS	965.3308			TOC	
LB135795BSS	1039.8889			TOC	
LB135795BSS.....	1024.2000...	..	...	TOC	..
Q1995-01	1703.9653			TOC	
Q1995-01	1762.9884			TOC	
Q1995-01.....	1705.6530...	..	...	TOC	..
Q1995-01	1210.7120			TOC	
Q1995-02	3122.2200			TOC	
Q1995-02.....	3686.5459...	..	...	TOC	..
Q1995-02	4278.0308			TOC	
Q1995-02	3319.1685			TOC	
Q1995-03.....	2258.2571...	..	...	TOC	..
Q1995-03	3377.3159			TOC	
Q1995-03	3355.2820			TOC	
Q1995-03.....	2814.3350...	..	...	TOC	..
Q1995-04	1522.9899			TOC	
Q1995-04	1569.0249			TOC	
Q1995-04.....	2029.7810...	..	...	TOC	..
Q1995-04	1621.0560			TOC	
Q1995-05	6973.0156			TOC	
Q1995-05.....	6813.7388...	..	...	TOC	..
Q1995-05	6720.4536			TOC	
Q1995-05	5482.7119			TOC	
Q1995-05MS.....	7413.4707...	..	...	TOC	..
Q1995-05MS	7038.8027			TOC	
Q1995-05MS	7477.6670			TOC	
Q1995-05MS.....	7899.9995...	..	...	TOC	..
Q1995-05MSD	8351.1348			TOC	
Q1995-05MSD	7676.8936			TOC	
Q1995-05MSD.....	7523.2930...	..	...	TOC	..
Q1995-05MSD	6708.0244			TOC	
Q1995-06	9561.2891			TOC	
Q1995-06.....	10710.3145...	..	...	TOC	..
Q1995-06	11310.9121			TOC	
Q1995-06	13957.7764			TOC	
CCV2.....	1029.5219...	..	...	TOC	..
CCV2	1078.7019			TOC	
CCV2	948.8347			TOC	
CCV2.....	1062.7974...	..	...	TOC	..
CCB2	24.2233			TOC	
CCB2	5.8134			TOC	
CCB2.....	2.8796...	..	...	TOC	..
CCB2	2.4913			TOC	
Q1995-07	5521.8291			TOC	
Q1995-07.....	4320.9634...	..	...	TOC	..
Q1995-07	5011.5376			TOC	
Q1995-07	4090.3601			TOC	
CCV3.....	1004.9505...	..	...	TOC	..
CCV3	1039.7223			TOC	
CCV3	1046.7449			TOC	
CCV3.....	1036.5898...	..	...	TOC	..

CCB3	15.3896		TOC	
CCB3	1.0827		TOC	
CCB3.....	2.3054...	..	...TOC	..
CCB3	0.4515		TOC	

Method ID		Sample Type	Vial Timestamp		Message		
Boat	Sampler	Sample	2025/05/16	08:28			
Boat	Sampler	Sample	2025/05/16	08:31			
Boat	Sampler	Sample	2025/05/16	08:33			
Boat	Sampler	...Sample	..	..2025/05/16	08:36	..	
Boat	Sampler	Sample	2025/05/16	08:39	Low Sample	Detected	
Boat	Sampler	Sample	2025/05/16	08:42	Low Sample	Detected	
Boat	Sampler	...Sample	..	..2025/05/16	08:45	..Low Sample	Detected
Boat	Sampler	Sample	2025/05/16	08:48	Low Sample	Detected	
Boat	Sampler	Sample	2025/05/16	08:53	Low Sample	Detected	
Boat	Sampler	...Sample	..	..2025/05/16	08:59	..Low Sample	Detected
Boat	Sampler	Sample	2025/05/16	09:02	Low Sample	Detected	
Boat	Sampler	Sample	2025/05/16	09:05	Low Sample	Detected	
Boat	Sampler	...Sample	..	..2025/05/16	09:08	..	
Boat	Sampler	Sample	2025/05/16	09:11			
Boat	Sampler	Sample	2025/05/16	09:13			
Boat	Sampler	...Sample	..	..2025/05/16	09:17	..	
Boat	Sampler	Sample	2025/05/16	09:21			
Boat	Sampler	Sample	2025/05/16	09:24			
Boat	Sampler	...Sample	..	..2025/05/16	09:26	..	
Boat	Sampler	Sample	2025/05/16	09:30			
Boat	Sampler	Sample	2025/05/16	09:34			
Boat	Sampler	...Sample	..	..2025/05/16	09:36	..	
Boat	Sampler	Sample	2025/05/16	09:39			
Boat	Sampler	Sample	2025/05/16	09:41			
Boat	Sampler	...Sample	..	..2025/05/16	09:43	..	
Boat	Sampler	Sample	2025/05/16	09:45			
Boat	Sampler	Sample	2025/05/16	09:48			
Boat	Sampler	...Sample	..	..2025/05/16	09:50	..	
Boat	Sampler	Sample	2025/05/16	10:08			
Boat	Sampler	Sample	2025/05/16	10:10			
Boat	Sampler	...Sample	..	..2025/05/16	10:14	..	
Boat	Sampler	Sample	2025/05/16	10:16			
Boat	Sampler	Sample	2025/05/16	10:20			
Boat	Sampler	...Sample	..	..2025/05/16	10:22	..	
Boat	Sampler	Sample	2025/05/16	10:25			
Boat	Sampler	Sample	2025/05/16	10:27			
Boat	Sampler	...Sample	..	..2025/05/16	10:35	..	
Boat	Sampler	Sample	2025/05/16	10:38			
Boat	Sampler	Sample	2025/05/16	10:40			
Boat	Sampler	...Sample	..	..2025/05/16	10:44	..	
Boat	Sampler	Sample	2025/05/16	10:47			
Boat	Sampler	Sample	2025/05/16	10:50			
Boat	Sampler	...Sample	..	..2025/05/16	10:53	..	
Boat	Sampler	Sample	2025/05/16	10:55			
Boat	Sampler	Sample	2025/05/16	10:58			
Boat	Sampler	...Sample	..	..2025/05/16	11:01	..	
Boat	Sampler	Sample	2025/05/16	11:04			
Boat	Sampler	Sample	2025/05/16	11:07			
Boat	Sampler	...Sample	..	..2025/05/16	11:13	..	
Boat	Sampler	Sample	2025/05/16	11:18			
Boat	Sampler	Sample	2025/05/16	11:20			
Boat	Sampler	...Sample	..	..2025/05/16	11:23	..	
Boat	Sampler	Sample	2025/05/16	11:25			
Boat	Sampler	Sample	2025/05/16	11:28	Low Sample	Detected	
Boat	Sampler	...Sample	..	..2025/05/16	11:31	..Low Sample	Detected
Boat	Sampler	Sample	2025/05/16	11:38	Low Sample	Detected	
Boat	Sampler	Sample	2025/05/16	11:41			
Boat	Sampler	...Sample	..	..2025/05/16	11:44	..	
Boat	Sampler	Sample	2				
025/05/16 11:46							
Boat	Sampler	Sample	2025/05/16	11:49			
Boat	Sampler	...Sample	..	..2025/05/16	11:53	..	
Boat	Sampler	Sample	2025/05/16	11:55			
Boat	Sampler	Sample	2025/05/16	11:58			

Boat Sampler	...	Sample	..	..	2025/05/16 12:00	..	Reviewed By:Iwona On:5/19/2025 3:11:07 PM Inst Id :Appolo-9000 LB :LB135795		
Boat Sampler		Sample			2025/05/16 12:02				
Boat Sampler		Sample			2025/05/16 12:06	Low Sample Detected			
Boat Sampler	...	Sample	..	..	2025/05/16 12:12	..Low Sample Detected			
Boat Sampler		Sample			2025/05/16 12:15	Low Sample Detected			

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	945.7203	37.8288	2852035	-2.021	-1.021	68

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	990.0864	39.6035	2985831	-2.033	-1.041	72

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1006.5810	40.2632	3035574	-1.967	-0.970	71

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1027.2491	41.0900	3097904	-2.062	-1.064	71

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.7607	0.0704	5310	-2.155	-2.384	120

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.0516	0.2421	18250	-2.310	-2.423	120

Last Message: Low Sample Detected
=====

Sample ID: CCB1 Mode: TOC
Method: Boat Sampler Filename: 05160843
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 08:45
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.4965	0.2999	22607	-2.360	-2.493	120

Last Message: Low Sample Detected
=====

Sample ID: CCB1 Mode: TOC
Method: Boat Sampler Filename: 05160846
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 08:48
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.0822	0.2833	21358	-2.406	-2.499	120

Last Message: Low Sample Detected
=====

Sample ID: LB135795BLS Mode: TOC
Method: Boat Sampler Filename: 05160850
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 08:53
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.6870	0.2675	20166	-2.517	-2.570	120

Last Message: Low Sample Detected
=====

Sample ID: LB135795BLS Mode: TOC
Method: Boat Sampler Filename: 05160856
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 08:59
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5.6627	0.2265	17077	-2.521	-2.593	120

Last Message: Low Sample Detected
=====

Sample ID: LB135795BLS Mode: TOC
Method: Boat Sampler Filename: 05160900
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:02
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.2323	0.2893	21811	-2.411	-2.624	120

Last Message: Low Sample Detected
=====

Sample ID: LB135795BLS Mode: TOC
Method: Boat Sampler Filename: 05160903
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:05
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.6043	0.1042	7854	-2.524	-2.647	120

Last Message: Low Sample Detected
=====

Sample ID: LB135795BSS Mode: TOC
Method: Boat Sampler Filename: 05160906
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:08
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1023.4130	40.9365	3086335	-2.608	-1.610	79

Sample ID: LB135795BSS Mode: TOC
Method: Boat Sampler Filename: 05160909
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:11
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	965.3308	38.6132	2911175	-2.394	-1.398	74

Sample ID: LB135795BSS Mode: TOC
Method: Boat Sampler Filename: 05160911
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:13
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1039.8889	41.5956	3136022	-2.266	-1.274	72

Sample ID: LB135795BS Mode: TOC
S
Method: Boat Sampler Filename: 05160914
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:17
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1024.2000	40.9680	3088708	-2.237	-1.240	150

Sample ID: Q1995-01 Mode: TOC
Method: Boat Sampler Filename: 05160920
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:21
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1703.9653	11.7574	886425	2.029	3.003	48

Sample ID: Q1995-01 Mode: TOC
Method: Boat Sampler Filename: 05160922
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:24
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1762.9884	11.9883	903838	-0.262	0.709	59

Sample ID: Q1995-01 Mode: TOC
Method: Boat Sampler Filename: 05160924
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:26
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1705.6530	12.1101	913022	-1.046	-0.077	59

Sample ID: Q1995-01 Mode: TOC
Method: Boat Sampler Filename: 05160929
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:30
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1210.7120	10.1700	766747	4.559	5.537	45

Sample ID: Q1995-02 Mode: TOC
Method: Boat Sampler Filename: 05160932
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:34
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3122.2200	26.2266	1977311	4.961	5.889	54

Sample ID: Q1995-02 Mode: TOC
Method: Boat Sampler Filename: 05160934
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:36
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3686.5459	27.6491	2084553	-1.896	-0.902	71

Sample ID: Q1995-02 Mode: TOC
Method: Boat Sampler Filename: 05160937
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:39
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4278.0308	34.6521	2612529	-1.887	-0.889	75

Sample ID: Q1995-02 Mode: TOC
Method: Boat Sampler Filename: 05160939
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:41
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3319.1685	28.8768	2177111	0.003	0.998	65

Sample ID: Q1995-03 Mode: TOC
Method: Boat Sampler Filename: 05160942
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:43
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2258.2571	19.6468	1481238	10.437	11.359	52

Sample ID: Q1995-03 Mode: TOC
Method: Boat Sampler Filename: 05160944
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:45
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3377.3159	27.3563	2062476	-0.323	0.656	65

Sample ID: Q1995-03 Mode: TOC
Method: Boat Sampler Filename: 05160946
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:48
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3355.2820	29.8620	2251392	1.212	2.193	69

Sample ID: Q1995-03 Mode: TOC
Method: Boat Sampler Filename: 05160948
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 09:50
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2814.3350	25.6104	1930853	0.690	1.662	63

Sample ID: Q1995-04 Mode: TOC
Method: Boat Sampler Filename: 05161006
Cal. Curve: TOC SOIL Timestamp: 2025/05/16 10:08
Operator ID: NF IZ Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1522.9899	12.9454	975996	7.505	8.394	50

Sample ID: Q1995-04 Mode: TOC

Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Filename: 05161008
Timestamp: 2025/05/16 10:10
Sample Type: Sample

Reviewed By:Iwona
On:5/19/2025 3:11:07
PM
Inst Id :Appolo-9000
LB :LB135795

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1569.0249	14.4350	1088303	2.419	3.374	58

Sample ID: Q1995-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161011
Timestamp: 2025/05/16 10:14
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2029.7810	18.0651	1361982	-1.096	-0.114	159

Sample ID: Q1995-04
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161015
Timestamp: 2025/05/16 10:16
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1621.0560	14.9137	1124393	-0.563	0.417	58

Sample ID: Q1995-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161018
Timestamp: 2025/05/16 10:20
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6973.0156	54.3895	4100599	-1.033	-0.050	79

Sample ID: Q1995-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161020
Timestamp: 2025/05/16 10:22
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6813.7388	49.7403	3750079	3.697	4.628	66

Sample ID: Q1995-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161023
Timestamp: 2025/05/16 10:25
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6720.4536	55.7798	4205414	-1.678	-0.681	88

Sample ID: Q1995-05
Method: Boat Sampler

Mode: TOC
Filename: 05161025

Cal. Curve: TOC SOIL
Operator ID: NF IZ

Timestamp: 2025/05/16 10:27
Sample Type: Sample

Reviewed By:Iwona
On:5/19/2025 3:11:07
PM
Inst Id :Appolo-9000
LB :LB135795

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5482.7119	45.5065	3430881	2.546	3.510	64

Sample ID: Q1995-05MS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161033
Timestamp: 2025/05/16 10:35
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7413.4707	63.0145	4750864	7.575	8.541	65

Sample ID: Q1995-05MS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161036
Timestamp: 2025/05/16 10:38
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7038.8027	62.6453	4723032	10.767	11.711	63

Sample ID: Q1995-05MS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161038
Timestamp: 2025/05/16 10:40
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7477.6670	72.5334	5468522	9.680	10.644	69

Sample ID: Q1995-05MS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161042
Timestamp: 2025/05/16 10:44
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7899.9995	72.6800	5479576	3.678	4.631	77

Sample ID: Q1995-05MSD
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161045
Timestamp: 2025/05/16 10:47
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8351.1348	69.3144	5225835	3.239	4.239	71

Sample ID: Q1995-05MSD
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161048
Timestamp: 2025/05/16 10:50
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7676.8936	76.0012	5729976	1.057	2.033	77

Sample ID: Q1995-05MSD
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161051
Timestamp: 2025/05/16 10:53
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7523.2930	73.7283	5558609	4.852	5.817	70

Sample ID: Q1995-05MSD
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161054
Timestamp: 2025/05/16 10:55
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6708.0244	64.3970	4855098	6.227	7.167	63

Sample ID: Q1995-06
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161056
Timestamp: 2025/05/16 10:58
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9561.2891	93.7006	7064390	7.093	8.072	80

Sample ID: Q1995-06
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161059
Timestamp: 2025/05/16 11:01
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10710.3145	102.8190	7751854	-0.096	0.901	96

Sample ID: Q1995-06
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161102
Timestamp: 2025/05/16 11:04
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11310.9121	96.1428	7248508	0.439	1.421	95

Sample ID: Q1995-06
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161105
Timestamp: 2025/05/16 11:07
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning	Ending	Integration
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				Baseline	Baseline	Time
1	13957.7764	96.3087	7261016	1.300	2.299	90
=====						

Sample ID:	CCV2	Mode:	TOC
Method:	Boat Sampler	Filename:	05161111
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/16 11:13
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Ba	Integration
	Time					
1	1029.5219	41.1809	3104757	-2.546	-1.547	75
=====						

Sample ID:	CCV2	Mode:	TOC
Method:	Boat Sampler	Filename:	05161116
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/16 11:18
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1078.7019	43.1481	3253071	-2.642	-1.646	79
=====						

Sample ID:	CCV2	Mode:	TOC
Method:	Boat Sampler	Filename:	05161119
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/16 11:20
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	948.8347	37.9534	2861427	1.148	2.136	59
=====						

Sample ID:	CCV2	Mode:	TOC
Method:	Boat Sampler	Filename:	05161121
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/16 11:23
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1062.7974	42.5119	3205107	-2.638	-1.641	76
=====						

Sample ID:	CCB2	Mode:	TOC
Method:	Boat Sampler	Filename:	05161123
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/16 11:25
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	24.2233	0.9689	73051	-2.744	-1.749	42
=====						

Sample ID:	CCB2	Mode:	TOC
Method:	Boat Sampler	Filename:	05161125
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/16 11:28
Operator ID:	NF IZ	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
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1	5.8134	0.2325	17532	-2.925	-3.028	120

Last Message: Low Sample Detected						
=====						

Sample ID: CCB2				Mode: TOC		
Method: Boat Sampler				Filename: 05161128		
Cal. Curve: TOC SOIL				Timestamp: 2025/05/16 11:31		
Operator ID: NF IZ				Sample Type: Sample		
Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.8796	0.1152	8684	-2.993	-3.084	120

Last Message: Low Sample Detected						
=====						

Sample ID: CCB2				Mode: TOC		
Method: Boat Sampler				Filename: 05161135		
Cal. Curve: TOC SOIL				Timestamp: 2025/05/16 11:38		
Operator ID: NF IZ				Sample Type: Sample		
Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.4913	0.0997	7513	-3.094	-3.150	120

Last Message: Low Sample Detected						
=====						

Sample ID: Q1995-07				Mode: TOC		
Method: Boat Sampler				Filename: 05161139		
Cal. Curve: TOC SOIL				Timestamp: 2025/05/16 11:41		
Operator ID: NF IZ				Sample Type: Sample		
Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5521.8291	36.9963	2789266	-2.840	-1.840	85
=====						

Sample ID: Q1995-07				Mode: TOC		
Method: Boat Sampler				Filename: 05161142		
Cal. Curve: TOC SOIL				Timestamp: 2025/05/16 11:44		
Operator ID: NF IZ				Sample Type: Sample		
Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4320.9634	32.4072	2443284	-2.219	-1.225	70
=====						

Sample ID: Q1995-07				Mode: TOC		
Method: Boat Sampler				Filename: 05161144		
Cal. Curve: TOC SOIL				Timestamp: 2025/05/16 11:46		
Operator ID: NF IZ				Sample Type: Sample		
Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5011.5376	37.0854	2795985	-2.378	-1.379	75
=====						

Sample ID: Q1995-07				Mode: TOC		
Method: Boat Sampler				Filename: 05161147		
Cal. Curve: TOC SOIL				Timestamp: 2025/05/16 11:49		

Operator ID: NF IZ

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4090.3601	30.2687	2282051	-0.006	0.982	65

Sample ID: CCV3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161151
Timestamp: 2025/05/16 11:53
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1004.9505	40.1980	3030657	-2.838	-1.840	75

Sample ID: CCV3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161153
Timestamp: 2025/05/16 11:55
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1039.7223	41.5889	3135519	-2.795	-1.797	77

Sample ID: CCV3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161156
Timestamp: 2025/05/16 11:58
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1046.7449	41.8698	3156697	-2.811	-1.814	79

Sample ID: CCV3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161158
Timestamp: 2025/05/16 12:00
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1036.5898	41.4636	3126072	-2.825	-1.826	77

Sample ID: CCB3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161201
Timestamp: 2025/05/16 12:02
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15.3896	0.6156	46411	-2.848	-1.860	38

Sample ID: CCB3
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 05161203
Timestamp: 2025/05/16 12:06
Sample Type: Sample

Sample ID:	CCB3	Mode:	TOC
Method:	Boat Sampler	Filename:	05161209
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/16 12:12
Operator ID:	NF IZ	Sample Type:	Sample

Last Message: Low Sample Detected

Sample ID:	CCB3	Mode:	TOC
Method:	Boat Sampler	Filename:	05161213
Cal. Curve:	TOC SOIL	Timestamp:	2025/05/16 12:15
Operator ID:	NF IZ	Sample Type:	Sample

Last Message: Low Sample Detected

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
BLANK	14955	8646	57.81	TOC	
250mg/l	841606	148828	17.68	TOC	
500mg/l	1649173	101330	6.14	TOC	
1000mg/l.....	3114148...	128870..	4.14...	TOC	..
2000mg/l	6084076	53153	0.87	TOC	
ICV	1008.1160			TOC	
ICV.....	1026.3085...		..	...TOC	..
ICV	1034.6257			TOC	
ICV	1033.1101			TOC	
ICB.....	7.8958...		..	...TOC	..
ICB	7.5463			TOC	
ICB	12.5615			TOC	
ICB.....	13.3053...		..	...TOC	..

Method ID	Sample Type	Vial Timestamp		Message
Boat Sampler	TOC Standard	2025/03/14	08:33	Low Sample Detected
Boat Sampler	TOC Standard	2025/03/14	08:43	
Boat Sampler	TOC Standard	2025/03/14	08:52	
Boat Sampler	...TOC Standard	..	..2025/03/14 09:02	..
Boat Sampler	TOC Standard	2025/03/14	09:13	
Boat Sampler	Sample	2025/03/14	09:32	
Boat Sampler	...Sample	..	..2025/03/14 09:34	..
Boat Sampler	Sample	2025/03/14	09:37	
Boat Sampler	Sample	2025/03/14	09:39	
Boat Sampler	...Sample	..	..2025/03/14 09:43	..Low Sample Detected
Boat Sampler	Sample	2025/03/14	09:47	Low Sample Detected
Boat Sampler	Sample	2025/03/14	09:50	
Boat Sampler	...Sample	..	..2025/03/14 09:54	..Low Sample Detected

```
<<<Statistics>>>      Mean:   3114148      Std Dev:   128870      RSD:  4.14
```

Sample ID: 2000mg/l
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140903
Timestamp: 2025/03/14 09:13
Sample Type: TOC Standard

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			6076768	-2.111	-1.112	111
2			6011750	-1.590	-0.594	85
3			6120679	-1.745	-0.748	92
4			6127106	-1.924	-0.925	95

<<<Statistics>>> Mean: 6084076 Std Dev: 53153 RSD: 0.87

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140930
Timestamp: 2025/03/14 09:32
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1008.1160	40.3246	3040203	-2.708	-1.710	74

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140932
Timestamp: 2025/03/14 09:34
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1026.3085	41.0523	3095067	-2.463	-1.465	74

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140935
Timestamp: 2025/03/14 09:37
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1034.6257	41.3850	3120149	-2.458	-1.467	72

Sample ID: ICV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140937
Timestamp: 2025/03/14 09:39
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1033.1101	41.3244	3115579	-2.438	-1.439	73

Sample ID: ICB
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: NF IZ

Mode: TOC
Filename: 03140941
Timestamp: 2025/03/14 09:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.8958	0.3158	23812	-2.583	-2.673	120

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7.5463	0.3019	22758	-2.639	-2.694	120

Last Message: Low Sample Detected

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.5615	0.5025	37882	-2.737	-1.746	36

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	13.3053	0.5322	40125	-2.721	-2.705	120

Last Message: Low Sample Detected

1. Curve ID: TOC SOIL
eated: 2025/03/14 09:14
libration Factor (m): 7.539e+04
Intercept (b): 78996
squared: 0.99960

Standard ID	Y	X Expected	Measured	Message	Date & Time
	Raw Data	ug C	ug C		
BLANK	14955	0.000	-0.849	-	2025/03/14 08:33
250mg/l	841606	10.000	10.115	7.5	2025/03/14 08:43
500mg/l	1649173	20.000	20.827	4.1	2025/03/14 08:52
1000mg/l	3114148	40.000	40.258	0.6	2025/03/14 09:02
2000mg/l	6084076	80.000	79.650	-0.4	2025/03/14 09:13

12
3/20/25

12
3/20/25

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135795

Review By	rubina	Review On	5/19/2025 12:41:37 PM
Supervise By	Iwona	Supervise On	5/19/2025 3:11:07 PM
SubDirectory	LB135795	Test	TOC
STD. NAME	STD REF.#		
ICAL Standard	WP112403,WP112404,WP112405,WP112406,WP112407		
ICV Standard	WP112408		
CCV Standard	WP113036		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113037		
Chk Standard	WP112446		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	BLANK	BLANK	CAL1	03/14/25 08:33		NF IZ	OK
2	250mg/l	250mg/l	CAL2	03/14/25 08:43		NF IZ	OK
3	500mg/l	500mg/l	CAL3	03/14/25 08:52		NF IZ	OK
4	1000mg/l	1000mg/l	CAL4	03/14/25 09:02		NF IZ	OK
5	2000mg/l	2000mg/l	CAL5	03/14/25 09:13		NF IZ	OK
6	ICV1	ICV1	ICV	03/14/25 09:39		NF IZ	OK
7	ICB1	ICB1	ICB	03/14/25 09:54		NF IZ	OK
8	CCV1	CCV1	CCV	05/16/25 08:36		NF IZ	OK
9	CCB1	CCB1	CCB	05/16/25 08:48		NF IZ	OK
10	LB135795BLS	LB135795BLS	MB	05/16/25 09:05		NF IZ	OK
11	LB135795BSS	LB135795BSS	LCS	05/16/25 09:17		NF IZ	OK
12	Q1995-01	ERT-273	SAM	05/16/25 09:30		NF IZ	OK
13	Q1995-02	ERT-274	SAM	05/16/25 09:41		NF IZ	OK
14	Q1995-03	ERT-275	SAM	05/16/25 09:50		NF IZ	OK
15	Q1995-04	ERT-276	SAM	05/16/25 10:16		NF IZ	OK
16	Q1995-05	ERT-277	SAM	05/16/25 10:27		NF IZ	OK
17	Q1995-05MS	ERT-277MS	MS	05/16/25 10:44	sample + 40ul of WP113036	NF IZ	OK
18	Q1995-05MSD	ERT-277MSD	MSD	05/16/25 10:55	sample + 40ul of WP113036	NF IZ	OK

Instrument ID: TOC

Daily Analysis Runlog For Sequence/QC Batch ID # LB135795

Review By	rubina	Review On	5/19/2025 12:41:37 PM
Supervise By	Iwona	Supervise On	5/19/2025 3:11:07 PM
SubDirectory	LB135795	Test	TOC
STD. NAME	STD REF.#		
ICAL Standard	WP112403,WP112404,WP112405,WP112406,WP112407		
ICV Standard	WP112408		
CCV Standard	WP113036		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113037		
Chk Standard	WP112446		

19	Q1995-06	ERT-278	SAM	05/16/25 11:07		NF IZ	OK
20	CCV2	CCV2	CCV	05/16/25 11:23		NF IZ	OK
21	CCB2	CCB2	CCB	05/16/25 11:38		NF IZ	OK
22	Q1995-07	ERT-279	SAM	05/16/25 11:49		NF IZ	OK
23	CCV3	CCV3	CCV	05/16/25 12:00		NF IZ	OK
24	CCB3	CCB3	CCB	05/16/25 12:15		NF IZ	OK

Prep Standard - Chemical Standard Summary

Order ID : Q1995

Test : Percent Solids, TOC

Prepbatch ID :

Sequence ID/Qc Batch ID: LB135795,

Standard ID :

WP111436, WP111437, WP112403, WP112404, WP112405, WP112406, WP112407, WP112408, WP112446, WP113036, WP113037,

Chemical ID :

W2784, W2860, W3112, W3169,



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2050	TOC STOCK STD, 4000PPM	WP111436	01/15/2025	07/15/2025	Niha Farheen Shaik	WETCHEM_SCALE_5 (WC)	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 01/16/2025
<u>FROM</u> 5.00000ml of W2860 + 8.51200gram of W3169 + 990.00000ml of W3112 = Final Quantity: 1000.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2051	TOC STOCK STD-SS, 4000PPM	WP111437	01/15/2025	06/30/2025	Niha Farheen Shaik	WETCHEM_SCALE_5 (WC)	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 01/16/2025
<u>FROM</u>	5.00000ml of W2860 + 8.51200gram of W2784 + 990.00000ml of W3112 = Final Quantity: 1000.000 ml							

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
304	TOC CAL 0.00ppm	WP112403	03/14/2025	03/21/2025	Niha Farheen Shaik	None	None	Iwona Zarych
								03/20/2025

FROM 100.00000ml of W3112 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
712	TOC SOIL cal 250ppm	WP112404	03/14/2025	03/21/2025	Niha Farheen Shaik	None	WETCHEM_FIPETTE_3	Iwona Zarych
							(WC)	03/20/2025

FROM 15.00000ml of W3112 + 1.00000ml of WP111436 = Final Quantity: 16.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
710	TOC SOIL cal 500ppm	WP112405	03/14/2025	03/21/2025	Niha Farheen Shaik	None	WETCHEM_FIPETTE_3 (WC)	Iwona Zarych 03/20/2025
<u>FROM</u> 14.00000ml of W3112 + 2.00000ml of WP111436 = Final Quantity: 16.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3544	TOC SOIL Cal- CCV 1000PPM	WP112406	03/14/2025	03/21/2025	Niha Farheen Shaik	None	Glass Pipette-A	Iwona Zarych 03/20/2025
<u>FROM</u> 15.00000ml of W3112 + 5.00000ml of WP111436 = Final Quantity: 20.000 ml								

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
713	TOC SOIL cal 2000ppm	WP112407	03/14/2025	03/21/2025	Niha Farheen Shaik	None	Glass Pipette-A	Iwona Zarych 03/20/2025

FROM 5.00000ml of W3112 + 5.00000ml of WP111436 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2819	TOC ICV-LCSS, 1000PPM	WP112408	03/14/2025	03/21/2025	Niha Farheen Shaik	None	Glass Pipette-A	Iwona Zarych 03/20/2025

FROM 15.00000ml of W3112 + 5.00000ml of WP111437 = Final Quantity: 20.000 ml

Wet Chemistry STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
613	Phosphoric acid reagent	WP112446	03/25/2025	09/25/2025	Niha Farheen Shaik	None	None	Iwona Zarych
								03/26/2025

FROM 150.00000ml of W3112 + 50.00000ml of W2860 = Final Quantity: 200.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3544	TOC SOIL Cal- CCV 1000PPM	WP113036	05/13/2025	05/20/2025	Iwona Zarych	None	WETCHEM_FIPETTE_3	Jignesh Parikh
							(WC)	05/14/2025

FROM 15.00000ml of W3112 + 5.00000ml of WP111436 = Final Quantity: 20.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2819	TOC ICV-LCSS, 1000PPM	WP113037	05/13/2025	05/20/2025	Iwona Zarych	None	WETCHEM_PIPETTE_3 (WC)	Jignesh Parikh 05/14/2025
<u>FROM</u> 15.00000ml of W3112 + 5.00000ml of WP111437 = Final Quantity: 20.000 ml								

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	P243-500 / Potassium Hydrogen Phthalate, 500 gms	201089	06/30/2025	12/23/2020 / apatel	12/16/2020 / apatel	W2784

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J0260-3 / Phosphoric Acid, 2.5 L	0000278313	01/31/2026	07/12/2021 / apatel	07/12/2021 / apatel	W2860

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / lwona	07/03/2024 / lwona	W3112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	P243-500 / Potassium Hydrogen Phthalate, 500 gms	24H0956262	04/28/2026	01/03/2025 / lwona	01/03/2025 / lwona	W3169

Phosphoric Acid
BAKER ANALYZED® A.C.S. Reagent

(orthophosphoric acid)



Material No.: 0260-03
Batch No.: 0000278313
Manufactured Date: 2021/02/01
Retest Date: 2026/01/31
Revision No: 2

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay (H_3PO_4) (by acidimetry)	85.0 – 87.0 %	85.8
Calcium (Ca)	$\leq 0.002 \%$	< 0.001
Color (APHA)	≤ 10	5
Insoluble Matter	$\leq 0.001 \%$	< 0.001
ACS – Magnesium (Mg)	$\leq 0.002 \%$	< 0.002
Sulfate (SO_4)	$\leq 12 \text{ ppm}$	< 4
Volatile Acids (as CH_3COOH)	$\leq 0.001 \%$	0.001
Reducing Substances	Passes Test	PT
Chloride (Cl)	$\leq 3 \text{ ppm}$	< 1
Nitrate (NO_3)	$\leq 5 \text{ ppm}$	< 2
Trace Impurities – Antimony (Sb)	$\leq 20.000 \text{ ppm}$	0.007
Trace Impurities – Arsenic (As)	$\leq 0.500 \text{ ppm}$	< 0.001
Trace Impurities – Iron (Fe)	$\leq 10.000 \text{ ppm}$	< 1.000
Heavy Metals (as Pb)	$\leq 8 \text{ ppm}$	< 3
Trace Impurities – Manganese (Mn)	$\leq 0.500 \text{ ppm}$	0.005
Trace Impurities – Potassium (K)	$\leq 40.000 \text{ ppm}$	< 0.001
Trace Impurities – Sodium (Na)	$\leq 200.000 \text{ ppm}$	0.082

For Laboratory, Research or Manufacturing Use
Exceeds A.C.S. Specifications
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Certificate of Analysis

ThermoFisher
SCIENTIFIC

Certificate of Analysis

1 Reagent Lane

Fair Lawn, NJ 07410

201.796.7100 tel

201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	P243	Quality Test / Release Date	06/19/2020
Lot Number	201089		
Description	POTASSIUM HYDROGEN PHTHALATE, ACIDIMETRIC STANDARD, A.C.S.		
Country of Origin	Spain	Suggested Retest Date	Jun/2025
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	WHITE CRYSTALS
ASSAY POTASSIUM HYDROGEN PHTHALATE	%	Inclusive Between 99.95 - 100.05	100.03
CHLORINE COMPOUNDS	%	<= 0.003	<0.003
HEAVY METALS (as Pb)	ppm	<= 5	<5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE MATTER	%	<= 0.005	<0.005
IRON (Fe)	ppm	<= 5	<5
PH OF 0.05M SOLUTION		Inclusive Between 4.00 - 4.02	4.00
SODIUM (Na)	%	<= 0.005	<0.005
SULFUR COMPOUNDS	%	<= 0.002	<0.002%
TRACEABLE TO NIST	SOD CARBONATE	= LOT 351a	351a
TRACEABLE TO NIST KHP STD	POT. ACID PHTHALATE	= LOT 84L	84L



Julian Burton - Quality Control Manager – Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.



Material	BDH9260-500G
Material Description	BDH POTASS HYDRGN PHTHLTE 500G
Grade	ACS GRADE
Batch	24H0956262
Reassay Date	04/28/2026
CAS Number	877-24-7
Molecular Formula	HOCC6H4COOK
Molecular Mass	204.22
Date of Manufacture	04/29/2023
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	White crystals.	White crystals.
Assay (dried basis)	99.95 - 100.05 %	99.98 %
Chlorine Compounds	<= 0.003 %	<0.003 %
Heavy Metals (as Pb)	<= 5 ppm	<5 ppm
Insoluble Matter	<= 0.005 %	0.003 %
Iron	<= 5 ppm	<5 ppm
pH (0.05M, Water) @25C	4.00 - 4.02	4.00
Sodium	<= 0.005 %	<0.005 %
Sulfur Compounds	<= 0.002 %	<0.002 %

Internal ID #: 322

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/12/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 05/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:18
Out Date: 05/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135715

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1994-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1994-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1994-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1994-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1994-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1994-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1994-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1994-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1994-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1994-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1995-01	ERT-273	11	1.15	9.91	11.06	10.55	94.9	
Q1995-02	ERT-274	12	1.15	10.40	11.55	8.68	72.4	
Q1995-03	ERT-275	13	1.15	10.01	11.16	10.95	97.9	
Q1995-04	ERT-276	14	1.15	9.94	11.09	9.35	82.5	
Q1995-05	ERT-277	15	1.18	10.23	11.41	10.18	88.0	
Q1995-06	ERT-278	16	1.14	10.63	11.77	9.42	77.9	
Q1995-07	ERT-279	17	1.15	9.98	11.13	9.7	85.7	
Q2002-01	EO-02-05092025	18	1.14	9.88	11.02	10.35	93.2	
Q2002-02	EO-02-05092025-E2	19	1.19	10.34	11.53	10.29	88.0	
Q2003-01	WASTE	20	1.16	10.55	11.71	10.26	86.3	
Q2003-02	VOC	21	1.18	10.20	11.38	10.17	88.1	
Q2003-03	1	22	1.12	10.35	11.47	10.07	86.5	
Q2003-04	2	23	1.17	10.30	11.47	10.17	87.4	
Q2003-05	3	24	1.18	10.36	11.54	10.13	86.4	
Q2003-06	4	25	1.16	9.99	11.15	9.83	86.8	
Q2003-07	5	26	1.15	10.18	11.33	10.00	86.9	
Q2004-01	VNJ-220	27	1.14	9.69	10.83	10.44	96.0	
Q2004-03	2811	28	1.16	10.70	11.86	11.3	94.8	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/12/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 05/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:18
Out Date: 05/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135715

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q2004-05	R0202	29	1.15	10.32	11.47	10.87	94.2	
Q2004-07	205510	30	1.14	10.34	11.48	10.97	95.1	
Q2004-09	SOIL-STOCK	31	1.13	10.07	11.2	11.03	98.3	
Q2004-11	STONE-STOCK	32	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

135715

WorkList Name : %1-050925

WorkList ID : 189399

Department : Wet-Chemistry

Date : 05-09-2025 08:13:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1994-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1995-01	ERT-273	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/06/2025	Chemtech -SO
Q1995-02	ERT-274	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-03	ERT-275	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-04	ERT-276	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-05	ERT-277	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-06	ERT-278	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-07	ERT-279	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q2002-01	EO-02-05092025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	05/09/2025	Chemtech -SO
Q2002-02	EO-02-05092025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	05/09/2025	Chemtech -SO
Q2003-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO

Date/Time 05/09/25 15:30

Raw Sample Received by: 30 wpc

Raw Sample Relinquished by: [Signature]

Date/Time 05/09/25 17:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

NA 135715

WorkList Name : %1-050925 WorkList ID : 189399 Department : Wet-Chemistry Date : 05-09-2025 08:13:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2003-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2004-01	VNJ-220	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2004-03	2811	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2004-05	R0202	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2004-07	205510	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2004-09	SOIL-STOCK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2004-11	STONE-STOCK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO

Date/Time05/09/2515:30

Raw Sample Received by:SB YOC

Raw Sample Relinquished by:SB CWC

Date/Time05/09/2517:30

Raw Sample Received by:SB YOC

Raw Sample Relinquished by:SB CWC



SHIPPING DOCUMENTS

No: 8-050825-092440-0016

Cooler #: 1

Lab: CHEMTECH

Lab Phone: 908-728-3144



SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
122/ANALYSIS	 EPA/ERT	5/8/2025 0945	 OR	10:18 5/9/25	IR Gun# 1 4.7°C
					Custody Seal Intact
					NO Temp Blank
					Adjust Factor +1°C

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