

DATA PACKAGE GENERAL CHEMISTRY

PROJECT NAME : R36720

TETRA TECH, EMI 240 Continental Drive, Suite 200

Newark, DE - 19713

Phone No: 302-738-7551

ORDER ID : P4992 ATTENTION : Ava Heiss

TNI HABORATORY

Laboratory Certification ID # 20012





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Client Sample Number

Cover Page

- Order ID : P4992
- Project ID : R36720
 - Client : Tetra Tech, EMI

Lab Sample Number

P4992-01	C0KA6
P4992-02	C0KA7
P4992-03	C0KA8
P4992-04	C0KA9
P4992-06	C0KB1
P4992-07	C0KB2
P4992-08	C0KB3
P4992-09	C0KB4

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: 12/6/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

Tetra Tech, EMI Project Name: R36720 Project # N/A Chemtech Project # P4992 Test Name: Oil and Grease

A. Number of Samples and Date of Receipt:

8 Water samples were received on 11/23/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Oil and Grease. This data package contains results for Oil and Grease.

C. Analytical Techniques:

The analysis of Oil and Grease was based on method 1664A.

D. QA/ QC Samples:

The Holding Times were met for all analysis. The Blank Spike met requirements for all samples. The Duplicate analysis met criteria for all samples. The Matrix Spike analysis met criteria for all samples. The Matrix Spike Duplicate analysis met criteria for all samples. The Blank analysis did not indicate the presence of lab contamination. The Calibration met the requirements.

E. Additional Comments:

As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD for P4992 therefore Lab reported MS-MSD from P4991.

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_____



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					
Ε	Indicates the reported value is estimated because of the presence of interference					
Μ	Indicates Duplicate injection precision not met.					
Ν	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 OR	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"T"for Titrimetric"NR"for analyte not required to be analyzedIndicates 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					
Н	Sample Analysis Out Of Hold Time					

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEM	TECH PROJECT NUMBER: P4992	MATRIX: Water			
METH	OD: 1664A				
			NA	NO	YES
1.	Blank Contamination - If yes, list compounds and concentration	ons in each blank:	1111	√	125
2.	Matrix Spike Duplicate Recoveries Met Criteria				\checkmark
	If not met, list those compounds and their recoveries which fa range.	ll outside the acceptable			
	The Blank Spike met requirements for all samples.				
3.	Sample Duplicate Analysis Met QC Criteria				\checkmark
	If not met, list those compounds and their recoveries which fa range.	ll outside the acceptable			
4.	Digestion Holding Time Met				\checkmark
	If not met, list number of days exceeded for each sample:				
	IONAL COMMENTE: As seen weather 11000A. MCMCD is seen	·	1	1 1	

ADDITIONAL COMMENTS: As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD for P4992 therefore Lab reported MS-MSD from P4991.

QA REVIEW

Date



APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4992

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

Completed

QA Review Signature:

SOHIL JODHANI



LAB CHRONICLE

OrderID: Client: Contact:	P4992 Tetra Tech, EMI Ava Heiss			OrderDate: Project: Location:	11/25/2024 10: R36720 L61	15:00 AM		
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4992-01	C0KA6	WATER			11/21/24 12:00			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-02	COKA7	WATER			11/21/24 13:00			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-03	C0KA8	WATER			11/21/24 11:40			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-04	СОКАЭ	WATER			11/21/24 11:15			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-06	COKB1	WATER			11/21/24 12:25			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-07	СОКВ2	WATER			11/21/24 12:30			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-08	СОКВЗ	WATER			11/21/24 12:40			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	

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LAB CHRONICLE	
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P4992-09	СОКВ4	WATER		11/21/24 12:35	11/23/24
			Oil and Grease	1664A	12/02/24 10:00









Client:	Tetra Tech, E	MI		Ε	Date Collected:	11/21/24	12:00
Project:	R36720			Γ	Date Received:	11/23/24	
Client Sample ID:	C0KA6			S	DG No.:	P4992	
Lab Sample ID:	P4992-01			Ν	Aatrix:	WATER	
				9/	6 Solid:	0	
Parameter	Conc. Qua.	DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40 U	1 0.40	5.00	mg/L		12/02/24 10:00) 1664A

- 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



Client:	Tetra Tech, EMI		Date Collected:	11/21/24 13:00
Project:	R36720		Date Received:	11/23/24
Client Sample ID:	C0KA7		SDG No.:	P4992
Lab Sample ID:	P4992-02		Matrix:	WATER
			% Solid:	0
Parameter	Conc. Qua. DF MDL	LOQ / CRQL	Units Prep Date	Date Ana. Ana Met.
Oil and Grease	0.40 U 1 0.40	5.00	mg/L	12/02/24 10:00 1664A

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- LOD = Limit of Detection
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- H = Sample Analysis Out Of Hold Time

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Client:	Tetra Tech, EMI		Date Collected:	11/21/24 11:40
Project:	R36720		Date Received:	11/23/24
Client Sample ID:	C0KA8		SDG No.:	P4992
Lab Sample ID:	P4992-03		Matrix:	WATER
			% Solid:	0
Parameter	Conc. Qua. DF MDL	LOQ / CRQL	Units Prep Date	Date Ana. Ana Met.
Oil and Grease	0.40 U 1 0.40	5.00	mg/L	12/02/24 10:00 1664A

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- 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
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- E = Indicates the reported value is estimated because of the presence of interference.
- OR = Over Range
- N =Spiked sample recovery not within control limits



Client:	Tetra Tech, EMI		Date Collected:	11/21/24 11:15	
Project:	R36720		Date Received:	11/23/24	
Client Sample ID:	C0KA9		SDG No.:	P4992	
Lab Sample ID:	P4992-04		Matrix:	WATER	
			% Solid:	0	
Parameter	Conc. Qua. DF MDL	LOQ / CRQL Unit	s Prep Date	Date Ana. Ana Met.	
Oil and Grease	0.60 J 1 0.40	5.00 mg/	L	12/02/24 10:00 1664A	

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- LOD = Limit of Detection
- D = Dilution
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- H = Sample Analysis Out Of Hold Time

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Client:	Tetra Tech, EMI		Date Collected:	11/21/24 12:25
Project:	R36720		Date Received:	11/23/24
Client Sample ID:	C0KB1		SDG No.:	P4992
Lab Sample ID:	P4992-06		Matrix:	WATER
			% Solid:	0
Parameter	Conc. Qua. DF MDL	LOQ / CRQL U	Jnits Prep Date	Date Ana. Ana Met.
Oil and Grease	1.00 J 1 0.40	5.00	mg/L	12/02/24 10:00 1664A

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- 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
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- E = Indicates the reported value is estimated because of the presence of interference.
- OR = Over Range
- N =Spiked sample recovery not within control limits



Client:	Tetra Tech, EMI		Date Collected:	11/21/24 12:30
Project:	R36720		Date Received:	11/23/24
Client Sample ID:	C0KB2		SDG No.:	P4992
Lab Sample ID:	P4992-07		Matrix:	WATER
			% Solid:	0
Parameter	Conc. Qua. DF MDL	LOQ / CRQL	Units Prep Date	Date Ana. Ana Met.
Oil and Grease	0.90 J 1 0.40	5.00	mg/L	12/02/24 10:00 1664A

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- 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



Client:	Tetra Tech, EMI	Da	ate Collected:	11/21/24 12:40
Project:	R36720	Da	ate Received:	11/23/24
Client Sample ID:	C0KB3	SI	DG No.:	P4992
Lab Sample ID:	P4992-08	М	atrix:	WATER
		%	Solid:	0
Parameter	Conc. Qua. DF MDL	LOQ / CRQL Units	Prep Date Dat	e Ana. Ana Met.
Oil and Grease	0.40 U 1 0.40	5.00 mg/L	12/0	02/24 10:00 1664A

- 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



Client:	Tetra Tech, I	EMI		Ι	Date Collected:	11/21/24	12:35
Project:	R36720			Ι	Date Received:	11/23/24	
Client Sample ID:	C0KB4			S	SDG No.:	P4992	
Lab Sample ID:	P4992-09			Ν	Aatrix:	WATER	
				0	% Solid:	0	
Parameter	Conc. Qua.	DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40 U	1 0.40	5.00	mg/L		12/02/24 10:00	1664A

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- 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
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- N =Spiked sample recovery not within control limits



<u>QC RESULT</u> <u>SUMMARY</u>



Preparation Blank Summary

Client:	Tetra Tech, EMI					SDG No.:	P4992	
Project:	R36720							
				Acceptance	Conc			Analysis
Analyte		Units	Result	Limits	Qual	MDL	RDL	Date



Matrix Spike Summary

Project: Client ID:	R36720 C0KB8MS					Sample 1 Percent		P4991-04 Spike Samj		0		
												,
Analyte		Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date



Matrix Spike Summary

Oil and Grease		mg/L	78-114	20.2		0.80	J	20.0	1	97		12/02/2024
Analyte		Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result		Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Client ID:	C0KB8MSD					Percent	Solids for \$	Spike Sam	ple:	0		
Project:	R36720					Sample		P4991-04		_		
Client:	Tetra Tech	, EMI				SDG No		P4992				



Duplicate Sample Summary

Oil and Grease	mg/L	+/-18	20.7		20.2		1	2.44		12/02/2024
Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Client ID:	C0KB8MSD				Percent Sol	ids for Spil	ke Sample:	0		
Project:	R36720				Sample ID:	Р	4991-04			
Client:	Tetra Tech, EMI				SDG No.:	P4	992			



Laboratory Control Sample Summary

Client:	Tetra Tech, EMI				SDG	No.:	P4992		
Project:	R36720				Run	No.:	LB133675		
			True		Conc.	%	Dilution	Acceptance	Analysis
nalyte		Units	Value	Result	Qualifier	Recovery	Factor	Limit %R	Date
•	LB133675BS	Units	Value	Result	Qualifier	Recovery	Factor	Limit %R	Date



RAW DATA



Extraction and Analytical Summary Report

Analysis Method:	1664A
Test:	Oil and Grease
Run Number:	LB133675
Analysis Date:	12/02/2024
BalanceID:	WC SC-6
OvenID:	EXT OVEN-3

ANALYST:	jignesh
REVIEWED BY:	Iwona
Extraction Date:	12/02/2024
Extration IN Time:	08:00
Extration OUT Time:	09:30
Thermometer ID:	EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	рН	Sample Vol (ml)	Final Volume (ml)	Empty Dish Weight (q)	Final Empty Dish Weight(g)	Silica Gel Weight(g)	Weight After Drying(g)	Final Weight After Drying(g)	Change Weight (g)	Result in ppm
1	LB133675BL	LB133675BL	WATER	1.3	1000	100	3.0523	3.0523	0	3.0524	3.0524	0.0001	0.1
2	LB133675BS	LB133675BS	WATER	1.3	1000	100	3.1475	3.1475	0	3.1642	3.1642	0.0167	16.7
3	P4991-01	C0KB5	WATER	1.3	1000	100	3.0738	3.0738	0	3.0744	3.0744	0.0006	0.6
4	P4991-02	C0KB6	WATER	1.3	1000	100	3.0460	3.0460	0	3.0469	3.0469	0.0009	0.9
5	P4991-03	C0KB7	WATER	1.3	1000	100	3.0781	3.0781	0	3.0790	3.0790	0.0009	0.9
6	P4991-04	C0KB8	WATER	1.3	1000	100	3.0906	3.0906	0	3.0914	3.0914	0.0008	0.8
7	P4991-05	P4991-04MS	WATER	1.3	1000	100	3.0148	3.0148	0	3.0355	3.0355	0.0207	20.7
8	P4991-06	P4991-04MSD	WATER	1.3	1000	100	2.9968	2.9968	0	3.0170	3.0170	0.0202	20.2
9	P4991-07	C0KB9	WATER	1.3	1000	100	3.0304	3.0304	0	3.0311	3.0311	0.0007	0.7
10	P4991-08	C0KC2	WATER	1.3	1000	100	3.1108	3.1108	0	3.1117	3.1117	0.0009	0.9
11	P4991-09	C0KC4	WATER	1.3	1000	100	3.0056	3.0056	0	3.0063	3.0063	0.0007	0.7
12	P4992-01	COKA6	WATER	1.6	1000	100	3.0585	3.0585	0	3.0588	3.0588	0.0003	0.3
13	P4992-02	C0KA7	WATER	1.6	1000	100	3.0777	3.0777	0	3.0779	3.0779	0.0002	0.2
14	P4992-03	C0KA8	WATER	1.3	1000	100	3.0599	3.0599	0	3.0601	3.0601	0.0002	0.2
15	P4992-04	C0KA9	WATER	1.3	1000	100	3.0537	3.0537	0	3.0543	3.0543	0.0006	0.6
16	P4992-06	C0KB1	WATER	1.3	1000	100	3.0417	3.0417	0	3.0427	3.0427	0.0010	1
17	P4992-07	C0KB2	WATER	1.3	1000	100	3.0251	3.0251	0	3.0260	3.0260	0.0009	0.9
18	P4992-08	СОКВЗ	WATER	1.3	1000	100	3.0238	3.0238	0	3.0240	3.0240	0.0002	0.2
19	P4992-09	C0KB4	WATER	1.3	1000	100	3.0491	3.0491	0	3.0494	3.0494	0.0003	0.3



QC Batch# LB133675 Test: Oil and Grease

Analysis Date: 12/02/2024

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3153
pH Paper 0-14	M4909
Sodium Sulfate	EP2570
1:1 HCL	WP110826
Silica Gel	NA
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP100827
LCSWD	NA	NA
MS/MSD	2.5 ML	WP100828

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance:	0.0018	(0.0018-0.0022)	In (OVEN TEMP1 :	70 °C	Dessicator	Time	Inl :	11:26
1.0000 gram Balance:	1.0004	(0.9950-1.0050)	In	Time1:	10:00				
Bal Check Time:	08:15	_	Out	OVEN TEMP1:	70 °C	Dessicator	Time	Out1:	12:00
			Out	Time1:	11:25				

After Analysis

0.0020 gram Balance:	0.0019	(0.0018-0.0022)	In OVEN TEMP2	71 °C	Dessicator Time	In2 :	13:21
1.0000 gram Balance:				12:37			
Bal Check Time:	14:05	_	Out OVEN TEMP2:	71 °C	Dessicator Time	Out2:	14:00
		_	Out Time2:	13:20			

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			WORKLIST(Ha	ST(Hardcopy Internal Chain)	5	W2129645		
WorkList Name :	oil & grease p4991	WorkList ID :	ID: 185869	Department : Wet-C	Wet-Chemistry	Dat	Date: 12-02-20	12-02-2024 07:43:32
Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date Method	Method
P4991-01	C0KB5	Water	Oil and Greace					
P4991-02	COKB6	Water	Oil and Grease	Conc 112504 10 pH < 2	TETR16	L61	11/21/2024	1664A
P4991-03	C0KB7	Water	Oil and Groce	Conc h2504 to pH < 2	TETR16	L61	11/21/2024	1664A
P4991-04	COKB8	Water	Oil and Crosse	Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664A
P4991-05	P4991-04MS	Water	Oil and Crosse	Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664A
P4991-06	P4991-04MSD	Meter		Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664A
P4991-07	COKBO		UII and Grease	Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664A
	A CONTRACTOR OF	Water	Oil and Grease	Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664.4
P4991-08	C0KC2	Water	Oil and Grease	Conc H2SO4 to pH < 2	TETR16	5		1004A
P4991-09	COKC4	Water	Oil and Greace					1664A
P4992-01	COKA6	Water		CONC HZSO4 to pH < 2	TETR16	L61	11/21/2024	1664A
P4992-02	COKA7	Weter		Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664A
P4992-03	COKAR		Ull and Grease	Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664A
P4992-04	COKAD	Water	Oil and Grease	Conc H2SO4 to pH < 2	TETR16	L61		1664A
P4992-06		Water	Oil and Grease	Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664A
D1000 07		Water	Oil and Grease	Conc H2SO4 to pH < 2	TETR16	L61		1664.0
14332-01	CUKB2	Water	Oil and Grease	Conc H2SO4 to pH < 2	TETD16	191		Ctool
P4992-08	COKB3	Water	Oil and Grease			Lol	11/21/2024	1664A
P4992-09	COKB4	Meter		conc H2SU4 to pH < 2	TETR16	L61	11/21/2024	1664A
		valer	UII and Grease	Conc H2SO4 to pH < 2	TETR16	L61	11/21/2024	1664A

P4992-GENCHEM

28 of 46

Date/Time 12/ U2, Ry 07:47

Raw Sample Received by: 7. Cu²⁰()

Raw Sample Relinquished by:

Reviewed By:Iwona On:12/5/2024 1:32:20 PM Inst Id :WC SC-3 LB :LB133675 1213

Raw Sample Relinquished by:

<mark>10</mark> 11

13

Raw Sample Received by:

Date/Time 2/0/24

Page 1 of 1



Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB133675

Review By	jign	iesh	Review On	12/2/2024 2:24:51 PM					
Supervise By	Iwo	ona	Supervise On	12/5/2024 1:32:20 PM					
SubDirectory	LB	133675	Test	Oil and Grease					
STD. NAME		STD REF.#							
ICAL Standard		N/A							
ICV Standard		N/A	N/A						
CCV Standard		N/A							
ICSA Standard		N/A							
CRI Standard		N/A							
LCS Standard		N/A							
Chk Standard		W3153,M4909,EP2570	,WP110826,NA,NA,WP100827,NA,WP	100828					

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB133675BL	LB133675BL	MB	12/02/24 10:00		jignesh	ОК
2	LB133675BS	LB133675BS	LCS	12/02/24 10:00		jignesh	ОК
3	P4991-01	С0КВ5	SAM	12/02/24 10:00		jignesh	ОК
4	P4991-02	С0КВ6	SAM	12/02/24 10:00		jignesh	ОК
5	P4991-03	С0КВ7	SAM	12/02/24 10:00		jignesh	ОК
6	P4991-04	С0КВ8	SAM	12/02/24 10:00		jignesh	ОК
7	P4991-05	P4991-04MS	MS	12/02/24 10:00		jignesh	ОК
8	P4991-06	P4991-04MSD	MSD	12/02/24 10:00		jignesh	ОК
9	P4991-07	С0КВ9	SAM	12/02/24 10:00		jignesh	ОК
10	P4991-08	C0KC2	SAM	12/02/24 10:00		jignesh	ОК
11	P4991-09	C0KC4	SAM	12/02/24 10:00		jignesh	ОК
12	P4992-01	C0KA6	SAM	12/02/24 10:00		jignesh	ОК
13	P4992-02	C0KA7	SAM	12/02/24 10:00		jignesh	ОК
14	P4992-03	C0KA8	SAM	12/02/24 10:00		jignesh	ОК
15	P4992-04	С0КА9	SAM	12/02/24 10:00		jignesh	ОК
16	P4992-06	C0KB1	SAM	12/02/24 10:00		jignesh	ОК
17	P4992-07	C0KB2	SAM	12/02/24 10:00		jignesh	ОК
18	P4992-08	Соквз	SAM	12/02/24 10:00		jignesh	ОК

13



WC SC-3 Instrument ID:

Daily Analysis Runlog For Sequence/QCBatch ID # LB133675

Review By	jignesh	Review On	12/2/2024 2:24:	51 PM	
Supervise By	Iwona	Supervise O	n 12/5/2024 1:32:2	20 PM	
SubDirectory	LB133675	Test	Oil and Grease		
STD. NAME	STD RE	F.#			
ICAL Standard	N/A				
ICV Standard	N/A				
CCV Standard	N/A				
ICSA Standard	N/A				
CRI Standard	N/A				
LCS Standard	N/A				
Chk Standard	W3153,M4	909,EP2570,WP110826,NA,NA,V	WP100827,NA,WP100828		
19 P4992-0	9 0	OKB4 S	SAM 12/02/24 10:00	jignesh	ок



Prep Standard - Chemical Standard Summary

Order ID :	P4992
Test :	Oil and Grease
Prepbatch ID : Sequence ID/Qc Bate	ch ID: LB133675,
Standard ID : EP2570,WP100827,V	VP100828,WP110826,WP99896,
Chemical ID : E3551,M4909,M6121	,W2606,W2783,W2845,W2898,W2979,W3112,W3153,

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Extractions STANDARD PREPARATION LOG

Recipe ID 3923 FROM	NAME Baked Sodium Sulfate 4000.00000gram of E3551 = Final G	<u>NO.</u> EP2570	Prep Date 12/02/2024	Expiration Date 01/03/2025	Prepared <u>By</u> Rajesh Parikh	ScaleID Extraction_SC ALE_2 (EX-SC-2)	PipettelD None	Supervised By RUPESHKUMAR SHAH 12/02/2024
Recipe ID 114	NAME hexavalent chromium color reagent	<u>NO.</u> WP100827	Prep Date 02/02/2023	Expiration Date 02/09/2023	Prepared By Rubina Mughal	<u>ScaleID</u> WETCHEM_S CALE_5 (WC	PipettelD None	<u>Supervised By</u> Iwona Zarych 02/02/2023

FROM 0.25000gram of W2979 + 50.00000ml of W2783 = Final Quantity: 50.000 ml

SC-5)



Wet Chemistry STANDARD PREPARATION LOG

Recipe ID 3456	NAME Cyanide Intermediate Working Std, 5PPM	<u>NO.</u> WP100828	Prep Date 02/02/2023	Expiration Date 02/03/2023	Prepared By Iwona Zarych	<u>ScaleID</u> None	PipettelD WETCHEM_F IPETTE_3	Sohil Jodhani	2 3 4
FROM	0.25000ml of W2898 + 49.75000ml o	of WP99896	= Final Quar	ntity: 50.000 m			(WC)		5 6 7 8 9 10 11 12 13
								a	1

<u>Recipe</u>				Expiration	<u>Prepared</u>			Supervised By
<u>ID</u>	NAME	<u>NO.</u>	Prep Date	<u>Date</u>	<u>By</u>	<u>ScaleID</u>	PipetteID	Iwona Zarych
229	1:1 HCL	<u>WP110826</u>	11/22/2024	05/13/2025	Jignesh Parikh	None	None	
								11/22/2024
FROM	500.00000ml of M6121 + 500.00000	ml of W3112	= Final Qua	ntity: 1.000 L				



Wet Chemistry STANDARD PREPARATION LOG

Recipe ID 11	NAME Sodium hydroxide absorbing solution 0.25 N	<u>NO.</u> WP99896	Prep Date 11/15/2022	Expiration Date 05/15/2023	<u>Prepared</u> <u>By</u> Jignesh Parikh	ScaleID WETCHEM_S CALE_4 (WC	<u>PipetteID</u> None	Supervised By Iwona Zarych 11/15/2022
FROM	21.00000L of W2606 + 210.00000gra	am of W284	5 = Final Qua	antity: 21.000 L	-	SC-4)		



CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	01/03/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	140440 / TEST PAPERS,PH,0-2.5,.2SENSI, 100PK	HC908519	08/31/2024	11/28/2022 / jaswal	08/09/2021 / jaswal	M4909
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	0000275677	05/13/2025	11/13/2024 / Eman	10/13/2024 / Eman	M6121
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	0000263246	06/17/2023	12/23/2020 / ketankumar	12/23/2020 / ketankumar	W2783
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-7 / Sodium Hydroxide Pellets 12 Kg	21C2456604	01/31/2024	03/30/2022 / JIGNESH	06/24/2021 / apatel	W2845

Supply, Inc.

JIGNESH

apatel

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Supelco	90157 / Cyanide Standard, 1000ppm from Supelco	HC03107133	06/30/2023	01/24/2022 / apatel	01/24/2022 / apatel	W2898
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	31390 / 1,5-Diphenylcarbazide	MKCR6636	12/09/2027	12/09/2022 / Iwona	12/09/2022 / Iwona	W2979
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 / Iwona	07/03/2024 / Iwona	W3112
Supplier	ItemCode / ItemName	Lot #	Expiration	Date Opened /	Received Date /	Chemtech
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	Date 08/22/2025	Opened By 11/25/2024 / jignesh	Received By 11/21/2024 / jignesh	Lot # W3153

P4992-GENCHEM



Certificate of Analysis

Batch HC03107133

		Batch Values	
Concentration	β (CN⁻)	1002	mg/l

Determination method: Argentometric titration.

The content of this solution was determined with silver nitrate standard solution (article number 1.09081) standardized against volumetric standard sodium chloride (article number 1.02406). The expanded measurement uncertainty is ± 0.7 % (k=2 coverage factor for 95% coverage probability). The certified value is traceable to primary standard NIST SRM 999c (NIST: National Institute of Standards and Technology, USA) by means of volumetric standard sodium chloride, measured in the accredited calibration laboratory of Merck KGaA, Darmstadt, Germany in accordance to DIN EN ISO/IEC 17025.

Date of release (DD.MM.YYYY) 02.07.2020 Minimum shelf life (DD.MM.YYYY) 30.06.2023

Ayfer Yildirim

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.

Acetone ULTRA RESI-ANALYZED For Organic Residue Analysis





Material No.: 9254-03 Batch No.: 0000263246 Manufactured Date: 2020/06/17 Expiration Date: 2023/06/17 Revision No: 1

Certificate of Analysis

Test	Specification	Result
Assay ((CH3)2CO) (by GC, corrected for water)	>= 99.4 %	99.7
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0000 ppm	0.1000
Substances Reducing Permanganate	Passes Test	РТ
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	< 0.1
Water (H2O)	<= 0.5 %	0.3
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	5

For Laboratory, Research or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

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

ames Techie

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



PRODUCTOS QUIMICOS MONTERREY, S.A. DE CV. MIRADOR 201, COL. MIRADOR MONTERREY, N.L. MEXICO CP 64070 TEL +52 81 13 52 57 57 WWW.pgm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT : QUALITY :		ATE CRYSTALS ANI AB3375)	IYDROUS FORMULA :	Na ₂ SO ₄		
SPECIFICATION NUM	44	2	RELEASE DATE:	Na2504 ABR/21/2023		
LOT NUMBER :	313201		the theorem of the start of th	ADICE 112023		
	IST.	SPECIFICATION	S LOT \	/ALUES		
Assay (Na₂SO₄)		Min. 99.0%	99.7 %	6.		
pH of a 5% solution a	t 25°C	5.2 - 9.2	6.1	97 197		
Insoluble matter		Max. 0.01%	0.005	0/		
Loss on ignition		Max. 0.5%	0.1 %	76		
Chloride (Cl)		Max. 0.001%	<0.00	1 0%		
Nitrogen compounds	(as N)	Max. 5 ppm	<5 pp			
Phosphate (PO₄)		Max. 0.001%	<0.00			
Heavy metals (as Pb)		Max. 5 ppm	<5 pp			
Iron (Fe)		Max. 0.001%	<0.00			
Calcium (Ca)		Max. 0.01%	0.002			
Magnesíum (Mg)		Max. 0.005%		0.001 %		
Potassium (K)		Max. 0.008%				
Extraction-concentrat	tion suitability	Passes test	Passe			
Appearance		Passes test	Passe	and the second		
Identification		Passes test	Passe	s test		
Solubility and foreing		Passes test	Passe	s test		
Retained on US Stand	lard No. 10 sieve	Max. 1%	0.1 %			
Retained on US Stand	lard No. 60 sieve	Min. 94%	97.3 %	3		
Through US Standard	No. 60 sieve	Max. 5%	2.5 %			
Through US Standard	No. 100 sieve	Max. 10%	0.1 %			
Min All Color and Comparison of the Comparison of the Color of the Col	AANTALOONAAN AAN MINIMITAN doo	COMMENTS	de estructure adaption activitation adapt			
	el cite		ns	Arrow Shart I		
			·····			
			1.			
cia	. Marco . Marco	PL ANERS ANY LAB.	QC: PhC Irma Belm	ares		

If you need further details, please call our factory or contact our local distributor.

Recd. by R? on 7/2423 E 3551]

RE-02-01, Ed.

Hydrochloric Acid, 36.5-38.0% BAKER INSTRA-ANALYZED® Reagent

For Trace Metal Analysis





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R->10/13/24

Metolis

Material No.: 9530-33 Batch No.: 0000275677 Manufactured Date: 2020/12/16 Retest Date: 2025/12/15 **Revision No: 1**

M6121

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.190
ACS – Bromide (Br)	<= 0.005 %	< 0.005
ACS – Extractable Organic Substances	<= 5 ppm	ر 0.005
ACS – Free Chlorine (as Cl2)	<= 0.5 ppm	< 0.5
Phosphate (PO4)	<= 0.05 ppm	< 0.03
Sulfate (SO4)	<= 0.5 ppm	< 0.3
ulfite (SO3)	<= 0.8 ppm	0.3
Ammonium (NH4)	<= 3 ppm	< 1
race Impurities – Arsenic (As)	<= 0.010 ppm	< 0.003
race Impurities - Aluminum (Al)	<= 10.0 ppb	< 0.2
rsenic and Antimony (as As)	<= 5 ppb	< 3
race Impurities – Barium (Ba)	<= 1.0 ppb	< 0.2
race Impurities – Beryllium (Be)	<= 1.0 ppb	< 0.2
race Impurities – Bismuth (Bi)	<= 10.0 ppb	< 0.2
race Impurities – Boron (B)	<= 20.0 ppb	< 5.0
race Impurities – Cadmium (Cd)	<= 1.0 ppb	
race Impurities – Calcium (Ca)	<= 50.0 ppb	< 0.3
ace Impurities – Chromium (Cr)	<= 1.0 ppb	29.7
ace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.4
ace Impurities – Copper (Cu)	<= 1.0 ppb	< 0.3
ace Impurities - Gallium (Ga)	<= 1.0 ppb <= 1.0 ppb	< 0.1 < 0.2

Certificate of Analysis

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

Material No.: 9530-33 Batch No.: 0000275677

> 11 12

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Test	Specification	Result
Trace Impurities – Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities – Iron (Fe)	<= 15.0 ppb	<1
Trace Impurities - Lead (Pb)	<= 1.0 pp	< 0.5
Trace Impurities – Lithium (Li)	<= 1.0 ppb	0.2
Trace Impurities – Magnesium (Mg)	<= 10.0 ppb	0.4
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	0.1
Trace Impurities – Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities – Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities – Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities – Potassium (K)	<= 9.0 ppb	
Trace Impurities - Selenium (Se), For Information Only	ppb	< 2.0 1.0
Frace Impurities – Silicon (Si)	<= 100.0 ppb	< 10.0
Frace Impurities – Silver (Ag)	<= 1.0 ppb	< 0.3
Frace Impurities – Sodium (Na)	<= 100.0 ppb	
race Impurities – Strontium (Sr)	<= 1.0 ppb	< 5.0
race Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.2
race Impurities - Thallium (TI)	<= 1.0 ppb	< 0.9
race Impurities – Tin (Sn)	<= 5.0 ppb	< 2.0
race Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.8
race Impurities – Vanadium (V)	<= 1.0 ppb	0.2
race Impurities – Zinc (Zn)	.,	< 0.2
race Impurities – Zirconium (Zr)	<= 5.0 ppb	0.3
	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use Product Information (not specifications): Appearance (clear, fuming liquid) Meets ACS Specifications

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

James Tahie 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



W2979

lec: 12/08/22

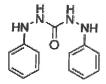
exp. 12/0P/27

Product Name: 1,5-Diphenylcarbazide - ACS reagent

Product Number:	259225
Batch Number:	MKCR6636
Brand:	SIAL
CAS Number:	140-22-7
MDL Number:	MFCD00003013
Formula:	C13H14N4O
Formula Weight:	242.28 g/mol
Quality Release Date:	02 JUN 2022

3050 Spruce Street, Saint Louis, MO 63103, USA Website: www.sigmaaldrich.com Email USA: techserv@sial.com Outside USA: eurtechserv@sial.com

Certificate of Analysis

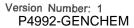


Specification	Result
Conforms to Requirements	Pink
Powder or Chunks	Powder
173.0 - 176.0 °C	173.0 °C
Conforms to Structure	Conforms
< 0.05 %	0.01 %
-	
Pass	Pass
Pass	Pass
Current ACS Specification	Conforms
	Conforms to Requirements Powder or Chunks 173.0 - 176.0 °C Conforms to Structure < 0.05 % Pass Pass

A

Larry Coers, Director Quality Control Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

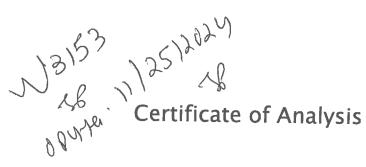




n-Hexane 95% ULTRA RESI-ANALYZED For Organic Residue Analysis







Material No.: 9262-03 Batch No.: 24G1962003 Manufactured Date: 2024-05-23 Expiration Date: 2025-08-22 Revision No.: 0

Test	Specification	Result	
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3	
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	 ≤ 10	2	
ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL)	≤ 5	1	
Assay (Total Saturated C6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %	
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %	
Color (APHA)	≤ 10	5	
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm	
Substances Darkened by H2SO4	Passes Test	Passes Test	
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %	

For Laboratory,Research,or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

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

and the second sec
ACioak
U Jamie Croak Director Quality Operations, Bioscience Production

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 Page 1 of 1



<u>SHIPPING</u> DOCUMENTS

USEPA CLP COC (LAB COPY)

CLP

Matrix/Sampler

Coll.

DateShipped: 11/22/2024 CarrierName: FedEx AirbillNo: 7701 5007 9029

Sample Identifier

CHAIN OF CUSTODY RECORD

DAS #: R36720 Cooler #: Oil and Grease

Tag/Preservative/Bottles

Location

Analysis/Turnaround

	Sample No.		Method	(Days)	ragin rocontativor.Botalo	Loouton	Date/Time	Only
ET-DUP-06- 20241121	C0KA6	Waste Water/ START	Grab	O/G(14)	3117 (H2SO4) (1)	DUP-06	11/21/2024 12:00	
ET-SW-01- 20241121	C0KA7	Surface Water/ START	Grab	O/G(14)	3120 (H2SO4) (1)	SW-01	11/21/2024 13:00	
ET-SW-02- 20241121	C0KA8	Surface Water/ START	Grab	O/G(14)	3123 (H2SO4) (1)	SW-02	11/21/2024 11:40	
ET-SW-03- 20241121	C0KA9	Surface Water/ START	Grab	O/G(14)	3131 (H2SO4) (1)	SW-03	11/21/2024 11:15	
ET-SW-04- 20241121	C0KB0	Surface Water/ START	Grab	O/G(14)	3134 (H2SO4) (1)	SW-04	11/21/2024 09:35	
ET-TW-01- 20241121	C0KB1	Treatment Water/ START	Grab	O/G(14)	3137 (H2SO4) (1)	TW-01	11/21/2024 12:25	
ET-TW-02- 20241121	C0KB2	Treatment Water/ START	Grab	O/G(14)	3140 (H2SO4) (1)	TW-02	11/21/2024 12:30	
ET-TW-03- 20241121	C0KB3	Treatment Water/ START	Grab	O/G(14)	3143 (H2SO4) (1)	TW-03	11/21/2024 12:40	
ET-TW-04- 20241121	C0KB4	Treatment Water/ START	Grab	O/G(14)	3146 (H2SO4) (1)	TW-04	11/21/2024 12:35	

Special Instructions: Oil and Grease

Samples Transferred From Chain of Custody #

Shipment for Case Complete? N

Analysis Key: O/G=Oil and Grease

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sample	Patt / START	11/22/24	Deen	11 23 24	1.3-(
ſ	/ //			10.00	IL CUN H
				•	Tem Darle Prom
				C	ustaly sen Th

P4992

Lab: Chemtech Lab

For Lab Use

No: 3-112224-083155-0107

Lab Contact: Yazmeen Gomez

Collection

Lab Phone: (908) 728-3147

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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