SDG	COVER	PAGE
		LIIOD

Lab Name: Alli	ance Technical Group, LLC	Contrac	t: 68HERH20D	0011	
Lab Code: ACE	Case No.: 51817	MA No.:	3225.1,3226	.1	SDG No.: MYE4R1
SOW No. : SFAN	101.1				
EPA Sample No.	Lab Sample Id	ICP-AES	Analysis ICP-MS	Method Mercury	Cyanide
MYE4R1	P4522-01	X	X		
MYE4R1D	P4522-02	X	Х		
MYE4R1S	P4522-03	X	X		
MYE4R2	P4522-04	X	X		
MYE4R3	P4522-05	X	Х		
MYE4R4	P4522-06	X	Х		
MYE4R5	P4522-07	X	Х		
MYE4R6	P4522-08	Х	Х		
MYE4R7	P4522-09	X	Х		
MYE4R8	P4522-10	X	Х		
MYE4S0	P4522-11	X	Х		
MYE4S1	P4522-12	Х	Х		
MYE4S2	P4522-13	X	Х		
MYE4S3	P4522-14	Х	Х		
MYE4S4	P4522-15	X	Х		
MYE4S5	P4522-16	X	Х		
MYE4S6	P4522-17	Х	Х		
MYE4S7	P4522-18	X	Х		
MYE4S8	P4522-19	X	Х		
MYE4S9	P4522-20	X	Х		
MYE4T0	P4522-21	X	Х		
MYE4T1	P4522-22	Х	X		

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the SDG Narrative. All edits and manual integrations have been peer-reviewed. Release of the data contained in this hardcopy Complete SDG File and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature:	 Name:	

Date:

Title:

თ
œ
т
m
T
Ŧ
õ
ŏ
ŏ
õ
_
-

SDG # MYE4R1

Page 1 of 3

USEPA CLP COC (LAB COPY) DateShipped: 10/22/2024 CarrierName: FedEx AirbillNo: 7793 0492 3458

CHAIN OF CUSTODY RECORD

Case #: 51817 Cooler #: EPA Cooler 06

No: 9-101424-084501-0140

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-728-3151

ustody #	Samples Transferred From Chain of Custody # $057945 - 40$	Samples Transferred From	s: Ag, As, Ba,Be, Cd, Co, Cr,	11+Metals:Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,TI,V,Zn ICP-MS 11+ Metals: Ag, As, Ba,Be, Cd, Co, Cr, Cu, Ni, Pb, Sb, Se,TI, V, Zn	in,Na,Ni,Pb,Sl	o,Cr,Cu,Fe,K,Mg,M	3a,Be,Ca,Cd,C , V, Zn	11+Metais:Ag,Al,As,Ba,Be, Cu, Ni, Pb, Sb, Se,Ti, V, Zn
	e Complete? N	Shipment for Case Complete? N	pecial Instructions: ICP-AES	Sample/s) to be used for Lab OC: 90029-N-0007-03 Tag 9-8099 90029-O-0003-01 Tag 9-8107 - Special Instructions: ICP-AES	009. 6608-6 u	0029-N-0007-03 Ta	for I ah OC: 9	ample/s) to he used
٩	04/24/2024 14:27	90029-0-0003	9-8108 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ REAC	MYE4S0	90029-0-0003-02
	04/24/2024 14:26 -	90029-0-0003	9-8107 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ REAC	MYE4R9	90029-O-0003-01
Y	04/24/2024 14:44	-	9-8106 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4R8	90029-0-0002-01
y.	04/24/2024 14:36	90029-0-0001	9-8105 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4R7	90029-O-0001-01
6	04/24/2024 14:57	90029-N-0012	9-8104 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4R6	90029-N-0012-01
~	04/24/2024 14:52	90029-N-0011	9-8103 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4R5	90029-N-0011-01
2	04/24/2024 15:19	90029-N-0010	9-8102 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4R4	90029-N-0010-01
س	04/24/2024 15:06	90029-N-0009	9-8101 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4R3	90029-N-0009-01
۴	04/24/2024 15:03	90029-N-0008	9-8100 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ REAC	MYE4R2	90029-N-0008-01
E	04/24/2024 14:59 1	90029-N-0007	9-8099 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4R1	90029-N-0007-03
*	04/24/2024 15:39	90029-N-0006	9-8098 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4R0	90029-N-0006-01
	04/24/2024 09:23	90029-S-0011	9-8097 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4Q9	90029-S-0011-01
	04/24/2024 09:16	90029-S-0010	9-8096 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ REAC	MYE4Q8	90029-S-0010-01
	04/24/2024 08:56	90029-S-0009	9-8095 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4Q7	90029-S-0009-01
	04/24/2024 09:08	90029-S-0008	9-8094 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4Q6	90029-S-0008-01
	04/24/2024 09:30	90029-S-0007	9-8093 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4Q5	90029-S-0007-02
	04/24/2024 09:14	90029-S-0007	9-8092 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4Q4	90029-S-0007-01
	04/24/2024 09:51	90029-S-0006	9-8091 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4Q3	90029-S-0006-01
	04/24/2024 09:25	90029-S-0005	9-8090 (None) (1)	ICP-AES and ICP-MS(21)	Grab	Soil/ ERT	MYE4Q2	90029-S-0005-01
Only	Date/Time			(Days)	Method		Sample No.	
For Lab Use	Collection	Location	Tan/Preservative/Bottles	Analycie/Turnaround	C>=	Matriv/Campler	2	tomple Identifier

No term Blank					
Custody Seal That					
Ik-an#1 20.0.	10:23-24	Chan	10/18/24	Emily of her R9	
Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time	Items/Reason Relinquished by (Signature and Organization)	tems/Reason

Analysis Key: ICP-AES and ICP-MS=Metals ICP-AES and ICP-MS

189
ĒR
H ₂ C
DOC
21

Page 2 of 3 USEPA CLP COC (LAB COPY)

DateShipped: 10/22/2024 CarrierName: FedEx AirbillNo: 7793 0492 3458

CHAIN OF CUSTODY RECORD

Case #: 51817 Cooler #: EPA Cooler 06

No: 9-101424-084501-0140

SDG # MYE4R1

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
90029-0-0004-01	MYE4S1	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8109 (None) (1)	90029-0-0004	04/24/2024 14:40	c
90029-0-0005-01	MYE4S2	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8110 (Nane) (1)	90029-0-0005	04/24/2024 14:10 1	1
90029-0-0006-01	MYE4S3	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8111 (None) (1)	90029-0-0006	04/24/2024 14:40 12	17
90029-0-0007-01	MYE4S4	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8112 (None) (1)	90029-0-0007	04/24/2024 14:21	در
90029-0-0008-01	MYE4S5	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8113 (None) (1)	90029-0-0008	04/24/2024 14:35	ž
90029-0-0009-01	MYE4S6	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8114 (None) (1)	90029-0-0009	04/24/2024 14:34	15
90029-0-0010-01	MYE4S7	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8115 (None) (1)	90029-0-0010	04/24/2024 14:56	16
90029-0-0011-01	MYE4S8	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8116 (None) (1)	90029-0-0011	04/24/2024 14:16	4
90029-P-0001-01	MYE4S9	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8117 (None) (1)	90029-P-0001	04/24/2024 14:11	/ e
90029-P-0002-01	MYE4T0	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8118 (None) (1)	90029-P-0002	04/24/2024 14:20	هرً
90029-P-0003-01	MYE4T1	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8119 (None) (1)	90029-P-0003	04/24/2024 13:58	ይ
90029-P-0004-01	MYE4T2	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8120 (None) (1)	90029-P-0004	04/24/2024 14:09	
90029-P-0005-01	MYE4T3	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8121 (None) (1)	90029-P-0005	04/24/2024 14:05	
90029-P-0006-01	MYE4T4	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8122 (None) (1)	90029-P-0006	04/24/2024 14:14	
90029-P-0007-01	MYE4T5	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8123 (None) (1)	90029-P-0007	04/24/2024 13:54	
90029-P-0008-01	MYE4T6	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8124 (None) (1)	90029-P-0008	04/24/2024 14:00	
90029-P-0009-01	MYE4T7	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8125 (None) (1)	90029-P-0009	04/24/2024 14:05	
90029-P-0010-03	MYE4T8	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8126 (None) (1)	90029-P-0010	04/24/2024 14:16	٩
90029-P-0011-01	MYE4T9	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8127 (None) (1)	90029-P-0011	04/24/2024 13:54	

ţ

.

Sample(s) to be used for Lab QC: 90029-P-0010-03 Tag 9-8126 - Special Instructions: ICP-AES 11+Metals:Ag,AI,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,TI,V,Zn ICP-MS 11+ Metals: Ag, As, Ba,Be, Cd, Co, Cr, Cu, Ni, Pb, Sb, Se,TI, V, Zn

Samples Transferred From Chain of Custody # のをアクイム・イル

Shipment for Case Complete? N

Analysis Key: ICP-AES and ICP-MS=Metals ICP-AES and ICP-MS

FORM DC-1

SAMPLE LOG-IN SHEET

2. Custody Seal	C S D B B B B B B B B B B B B B B B B B B	sdg	<u> </u>	4R1	Log-in Da		.024
Case Number Remarks: 1. Custody Seal (s) 2. Custody Seal	51817	SDG	No. MYE	4R1			
Remarks: 1. Custody Seal (s) 2. Custody Seal		SDG	No. MYE	4R1		0005 4 0000 4	
 Custody Seal (s) Custody Seal 	Present, Intact				MA No.	3225.1,3226.1	
 Custody Seal (s) Custody Seal 	Present, Intact	-			1		
2. Custody Seal	Present, Intact				Correspond	ling	Remarks:
				Aqueous			Condition
	057945-46	-		Water			of Sample
Nos.	057945-40		EPA	Sample	Sample	Assigned	Shipment,
			Sample #	рН	Tag #	Lab #	etc.
3. Traffic Reports/Chain Of	Present	1	MYE4R1	N/A	9-8099	P4522-01	Intact
Custody Records		2	MYE4R1D	N/A	9-8099	P4522-02	Intact
4. Airbill	Present	3	MYE4R1S	N/A	9-8099	P4522-03	Intact
	Fresenc	4	MYE4R2	N/A	9-8100	P4522-04	Intact
. Airbill No. and	779304923458	5	MYE4R3	Ņ/A	9-8101	P4522-05	Intact
Shipping Container ID No.	1	6	MYE4R4	N/A	9-8102	P4522-06	Intact
		7	MYE4R5	N/A	9-8103	P4522-07	Intact
 Shipping Container Temperature 	Present	8	MYE4R6	N/A	9-8104	P4522-08	Intact
Indicator Bottle		9	MYE4R7	N/A	9-8105	P4522-09	Intact
7. Shipping Container	20.0 Degree C	10	MYE4R8	N/A	9-8106	P4522-10	Intact
Temperature	20.0 Degree C	11	MYE4S0	N/A	9-8108	P4522-11	Intact
3. Sample	Intact	12	MYE4S1	N/A	9-8109	P4522-12	Intact
Condition		13	MYE4S2	N/A	9-8110	P4522-13	Intact
		14	MYE4S3	N/A	9-8111	P4522-14	Intact
. Sample Tags	Absent	15	MYE4S4	N/A	9-8112	P4522-15	Intact
Sample Tag Numbers	Listed on Traffic	16	MYE4S5	N/A	9-8113	P4522-16	Intact
	Report	17	MYE4S6	N/A	9-8114	P4522-17	Intact
0. Does information on Traffic	Yes	18	MYE4S7	N/A	9-8115	P4522-18	Intact
Reports/Chain of		19	MYE4S8	N/A	9-8116	P4522-19	Intact
Custody Records and Sample Tags		20	MYE4S9	N/A	9-8117	P4522-20	Intact
agree ?		21	MYE4T0	N/A	9-8118	P4522-21	Intact
1. Date Received at	10/23/2024	22	MYE4T1	N/A	9-8119	P4522-22	Intact
Lab	10/23/2024	23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By	X.	Logbook No.	N/A	
Date	10/23/24	Logbook Page No.	N/A	

FORM DC-2 COMPLETE SDG FILE (CSF) INVENTORY SHEET

Alliance Technical G	roup, LLC		
CE			
8HERH20D0011			
1817	SDG NO.	MYE4R1	
225.1,3226.1	SOW NO.	SFAM01.1	
1	CE BHERH20D0011 1817	3HERH20D0011 L817 SDG NO.	CE BHERH20D0011 L817 SDG NO. MYE4R1

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.4)

		PAGE	NOs:	CH	IECK
		FROM	TO	LAB	REGION
1.	SDG Cover Page	1	1	✓	
2.	Traffic Report/Chain of Custody Record(s)	2	3	~	
з.	Sample Log-In Sheet (DC-1)	4	4	~	
4.	CSF Inventory Sheet (DC-2)	5	7	✓	
5.	SDG Narrative	8	17	✓	
6.	Communication Logs	NA	NA	✓	
7.	Percent Solids Log	18	20	✓	
Ana	lysis Forms and Data (ICP-AES)				
8.	Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	21	40	✓	
9.	or sample analysis, laboratory QC as applicable Instrument raw data by instrument in analysis order	41	475	✓	
Oth	er Data				
10.	Standard and Reagent Preparation Logs	476	644	✓	
11.	Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	645	646	✓	
12.	Original Analysis or Instrument Run forms or copies of Analysis or	647	658		
13.	Instrument Logbooks Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
14.	Extraction Logs for TCLP and SPLP	NA	NA	~	
15.	Raw GPC Data	NA	NA	~	
16.	Raw Florisil Data	NA	NA	✓	
Ana	lysis Forms and Data (ICP-MS)				
17.	Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	659	678		
18.	or sample analysis, laboratory QC as applicable Instrument raw data by instrument in analysis order	679	1563	✓	
Oth	er Data				
19.	Standard and Reagent Preparation Logs	1564	1708	✓	
20.	Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1709	1710	✓	
21.	Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1711	1718	✓	
22.	Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	·

23. Extraction Logs for TCLF and SPLP TO LAB REGION 24. Raw GPC Data NA NA NA NA NA 25. Raw Florisil Data NA NA NA V		PAGE N	10s:	CH	IECK
24. Raw GPC Data NA NA YA 25. Raw Florisil Data NA NA YA 26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA YA 27. Instrument raw data by instrument in analysis order NA NA YA YA 28. Standard and Reagent Preparation logs NA NA Y YA 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA Y 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA Y 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA Y 32. Extraction Logs for TCLP and SPLE NA NA Y 33. Raw GPC Data NA NA Y 34. Raw Florisil Data NA NA Y 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA Y 36. Instrument raw data by instrument in analysi		FROM	TO	LAB	REGION
25. Raw Florisil Data NA NA NA Analysis Forms and Data (Mercury) 26. Sample analysis, laboratory QC as applicable NA NA ✓ 27. Instrument raw data by instrument in analysis order NA NA ✓ 27. Instrument raw data by instrument in analysis order NA NA ✓ 28. Standard and Reagent Preparation Logs NA NA ✓ 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 31. Performance Evaluation (FE)/Proficiency Testing (FT) Sample Instructions NA NA ✓ 32. Extraction Logs for TCLP and SPLP NA NA ✓ 33. Raw GPC Data NA NA ✓ 34. Raw Florisil Data NA ✓ ✓ 35. Sample Analysis, Laboratory QC as applicable NA NA ✓ 36. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks ✓ ✓ ✓ 37. Standard and Reagent Preparation Logs NA ✓ ✓ ✓	23. Extraction Logs for TCLP and SPLP	NA	NA	✓	
Analysis Forms and Data (Mercury) 26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 27. Instrument raw data by instrument in analysis order NA NA ✓ Other Data 28. Standard and Reagent Preparation Logs NA NA ✓ 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 32. Extraction Logs for TCLP and SPLP NA NA ✓ ✓ 33. Raw GPC Data NA NA ✓ ✓ 34. Raw Florisil Data NA NA ✓ ✓ 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-TN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ ✓ 36. Joriginal Preparation Logs NA NA ✓ ✓ 37. Standard and Reagent Preparat	24. Raw GPC Data	NA	NA	_ ✓	
26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA	25. Raw Florisil Data	NA	NA	✓	
or sample analysis, laboratory QC as applicable NA NA NA NA NA V 27. Instrument raw data by instrument in analysis order NA NA NA V 28. Standard and Reagent Preparation Logs NA NA V V 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA V 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA V 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA V 32. Extraction Logs for TCLP and SPLP NA NA V NA NA V 33. Raw GPC Data NA NA V NA NA V 34. Raw Florisil Data NA NA V NA NA V 35. Sample Analysis Data Forms (IA-OR, IB-OR, and I-IN) for each sample or sample analysis, laboratory QC as applicable NA NA V 36. Instrument raw data by instrument in analysis order NA NA V NA V 37. Standard and Reagent Preparation Logs NA NA V NA	Analysis Forms and Data (Mercury)				
27. Instrument raw data by instrument in analysis order NA NA NA ✓ Other Data 28. Standard and Reagent Preparation Logs NA NA ✓ 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 29. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 30. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA ✓ 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 32. Extraction Logs for TCLP and SPLF NA NA ✓ ✓ 33. Raw GPC Data NA NA ✓ ✓ 34. Raw Florisil Data NA NA ✓ ✓ Analysis Forms and Data (Cyanide) ✓ ✓ ✓ ✓ 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ 37. Standard and Reagent Preparation Logs NA NA ✓ ✓ <tr< td=""><td></td><td>NA</td><td>NA</td><td>✓</td><td></td></tr<>		NA	NA	✓	
28. Standard and Reagent Preparation Logs NA NA NA 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA NA 30. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA NA NA 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA NA NA 33. Raw GPC Data NA NA NA NA NA NA NA 34. Raw Florisil Data NA NA <td></td> <td>NA</td> <td>NA</td> <td>✓</td> <td>·</td>		NA	NA	✓	·
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA<	Other Data				
Cleanup Logbooks NA NA NA 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA NA 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA NA 33. Raw GPC Data NA NA NA NA NA NA 34. Raw Florisil Data NA NA NA NA NA NA Analysis Forms and Data (Cyanide) Sample Analysis, laboratory QC as applicable NA NA NA NA 36. Instrument raw data by instrument in analysis order NA NA NA NA NA 37. Standard and Reagent Preparation Logs NA NA NA NA NA 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA NA NA 39. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA V NA NA 31. Extraction Logs for TCLP and SPLP NA NA V NA	28. Standard and Reagent Preparation Logs	NA	NA	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or NA NA<		NA	NA	✓	
31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA 33. Raw GPC Data NA NA NA NA NA 34. Raw Florisil Data NA NA NA NA NA Analysis Forms and Data (Cyanide) Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA NA 36. Instrument raw data by instrument in analysis order NA NA NA Other Data 33. Original Analysis or Instrument Run forms or copies of Preparation and Cleanup Logbooks NA NA 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA 41. Extraction Logs for TCLP and SPLP NA NA 42. Raw GPC Data NA NA	30. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA		
32. Extraction Logs for TCLP and SPLP NA NA NA 33. Raw GPC Data NA NA NA NA 34. Raw Florisil Data NA NA NA NA Analysis Forms and Data (Cyanide) NA NA NA NA 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA NA 36. Instrument raw data by instrument in analysis order NA NA NA NA Other Data 37. Standard and Reagent Preparation Logs NA NA NA ✓ 37. Standard and Reagent Preparation Logs NA NA V	31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	✓	·
34. Raw Florisil Data NA NA NA Analysis Forms and Data (Cyanide) 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓		NA	NA	_ ✓	
Analysis Forms and Data (Cyanide) 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order NA NA Other Data 37. Standard and Reagent Preparation Logs NA 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA 41. Extraction Logs for TCLP and SPLP NA 42. Raw GPC Data NA	33. Raw GPC Data	NA	NA	✓	
35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ Other Data 37. Standard and Reagent Preparation Logs NA NA ✓ 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓	34. Raw Florisil Data	NA	NA	✓	
or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order NA NA V Other Data 37. Standard and Reagent Preparation Logs NA NA V 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 41. Extraction Logs for TCLP and SPLP 42. Raw GPC Data NA NA V	Analysis Forms and Data (Cyanide)				
36. Instrument raw data by instrument in analysis order NA NA ✓ Other Data 37. Standard and Reagent Preparation Logs NA NA ✓ 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓		NA	NA	✓	
37. Standard and Reagent Preparation Logs NA NA ✓ 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓		NA	NA	✓	
37. Standard and Reagent Preparation Logs NA NA ✓ 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓	Other Data				
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 41. Extraction Logs for TCLP and SPLP 42. Raw GPC Data		NA	NA	✓	
39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓		NA	NA	✓	
40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ 1. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓	39. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA		
41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓	40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	✓	
		NA	NA		
43. Raw Florisil Data NA NA 🖌	42. Raw GPC Data	NA	NA	✓	
	43. Raw Florisil Data	NA	NA	✓	

			PAGE	NOs:	CH	HECK
			FROM	TO	LAB	REGION
Additional 44. EPA Shipp	ping/Receiving Documents					
Airbill	(No. of Shipments)		1719	1719	✓	
Sample Ta	ags		NA	NA	✓	
Sample Lo	og-In Sheet (Lab)		1720	1722	✓	
45. Misc. Sh:	ipping/Receiving Records(list all individu	al records)	NA	NA	_√	
	Lab Sample Transfer Records and Tracking e or list)	Sheets	1723	1726		
	cords and related Communication Logs e or list)		NA	NA		
48. Comments	:					
Completed by (CLP Lab)		Nimisha Pandya, Docum	ent Control	l Officer		
Audited by: (EPA)	(Signature)	(Print Name & Title)			(Da	te)
	(Signature)	(Print Name & Title)			(Da	te)



SDG NARRATIVE

USEPA SDG # MYE4R1 CASE # 51817 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # P4522 MODIFIED ANALYSIS #3225.1, 3226.1

A. Number of Samples and Date of Receipt

20 Soil samples were delivered to the laboratory intact on 10/23/2024.

B. Parameters

Test requested for Metals CLP FULL = Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.

Test requested for Metals CLP MS FULL = Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc.

C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 20.0°C

D. Detail Documentation (related to Sample Handling Shipping, Analytical Problem, Temp of Cooler etc):

Issue 1 : A "P" or "M" prefix was listed at the beginning of a CLP sample ID.

E. Corrective Action taken for above:

Resolution 1 : To maintain COC integrity, ASB requests no changes to the Sample IDs. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

F. Analytical Techniques:

All analyses were based on CLP Methodology by method SFAM01.1.



Inter Element correction factors (IECs) are determined annually and correction factor are applied during ICP-AES analysis.

G. Calculation:

Calculation for ICP-AES Soil Sample:

Conversion of Results from mg/L or ppm to mg/kg (Dry Weight Basis):

Concentration (mg/kg) = $C \times \frac{Vf}{W \times S} \times DF$

Where,

C = Instrument value in ppm (The average of all replicate exposures)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor

Example Calculation For Sample MYE4R1 For Antimony:

If C = 0.0114162 ppmVf = 100 mlW = 1.27 gS = 0.985(98.5/100)DF = 2

Concentration (mg/kg) = $0.0114162 \times \frac{100}{1.27 \times 0.985} \times 2$

= 1.8252 mg/kg

= 1.8 mg/kg (Reported Result with Signification)

Calculation for ICP-MS Soil Sample:

Conversion of Results from μg /L or ppb to mg/kg :

Concentration (mg/kg) = $C \times \frac{Vf}{W \times S} \times DF / 1000$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)
S = % Solids / 100 (Fraction of Percent Solids)
DF = Dilution Factor



Example Calculation For Sample MYE4R1 For Antimony :

If C = 3.88 ppb Vf = 500 ml W = 1.35 g S = 0.985(98.5/100) DF = 1 Concentration (mg/kg) = $3.88 \text{ x} \frac{500}{1.27 \text{ x} 0.985} \text{ x} 1 / 1000$ = 1.550821 mg/kg= 1.6 mg/kg (Reported Result with Signification)

H. QA/QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. MS Spike sample (MYE4R1SRE) did meet requirements except for Silver. Duplicate sample did meet requirements. Serial Dilution did meet requirements except for Arsenic.

Chemical or physical interference effect was suspected and the data for all affected analytes in the sample received and associated with this serial dilution were flagged.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

Target Analyte	Associated Internal Standard
Antimony	159Tb
Arsenic	89Y
Barium	159Tb
Beryllium	6Li
Cadmium	159Tb
Chromium	45Sc

Internal Standard Association for ICP-MS analysis.



Cobalt	45Sc
Copper	45Sc
Lead	209Bi
Nickel	45Sc
Selenium	89Y
Silver	159Tb
Thallium	209Bi
Vanadium	45Sc
Zinc	45Sc

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 Director or his designee, as verified by the following signature.

Signature_____

Name: Nimisha Pandya

Date

Title: Document Control Officer

	MA: 3225.1	Title: ICP-MS with Modified Preparation Method and Analysis of Soils with Additional Laboratory QC
Method Source: SFAM01.1	Method: ICP-MS	
Matrix: Soil/Sediment		
Summary of Modification		
with additional modified LCS and Unless specifically modified by th	Matrix Spikes and his modification, all	amples by EPA Draft Method 3050C (see below) analyze for the scheduled target analytes by ICP-MS. analyses, Quality Control (QC), and reporting rrent EPA agreement remain unchanged and in full
I. Analyte Modifications		Not applicable
II. Calibration and QC Requirem	ents	Not applicable
Recovery limits do NOT a	additional Laborator	ry Control Sample (LCS) spiked at the CRQL. Percent I no corrective actions are required.
	ndditional Matrix Sp s (i.e., 15x the levels uirements apply to	the 5x Matrix Spike only.
 Prepare and analyze an a for this Modified Analysis Post-Digestion Spike required 	additional Matrix Sp s (i.e., 15x the levels uirements apply to rective actions apply	ike sample spiked at five times the levels specified s specified in the SOW). the 5x Matrix Spike only.

IV. Special Reporting Requirements

The Laboratory shall:

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the resolution or corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses and/or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analyses, including a copy of the approved modification form with the SDG Narrative.
- Initial analysis data are reported with a dilution factor of 1.0 and a final volume of 500 mL, per the SOW.
- Report the additional LCS as "LCSD" in the raw data and in the EDD with QCType "Laboratory_Control_Sample_Duplicate".
- Report the additional Matrix Spike with an "SRE" suffix in the raw data and EDD.
- Report any Post-Digestion Spike of the additional 5x Matrix Spike with an "ARE" suffix.

Date: 09/11/2024	MA: 3226.1	Title: ICP-AES with Modified Preparation Method and Analysis of Soils with Additional
		Laboratory QC
Method Source: SFAM01.1	Method: ICP-AES	
Matrix: Soil/Sediment		
Summary of Modification		
with additional modified LCS an AES. Unless specifically modified	nd Matrix Spikes and a ed by this modification	amples by EPA Draft Method 3050C (see below) analyze for the scheduled target analytes by ICP- , all analyses, Quality Control (QC), and reporting rent EPA agreement remain unchanged and in full
I. Analyte Modifications		Not applicable
II. Calibration and QC Require	ments	Not applicable
 for Draft Method 3050 Prepare and analyze ar Recovery limits do NOT Prepare a Matrix Spike Post-Digestion Spike re 	C. n additional Laborator F apply to this LCS and spiked at two times th equirements apply to t	•
Post-Digestion Spike co	····	
III. Preparation and Method M The Laboratory shall:	lodifications	Not applicable
 Mix sample the Add 10 mL 1:1 minutes. 	proughly and transfer	t Method 3050C as follows: 1.00 – 1.50 g to a digestion vessel. Cl, heat the sample at 95°C (±3°C) and reflux 10 -15

• Method Blanks, both LCS, and all instrument QC are to be analyzed undiluted.

IV. Special Reporting Requirements

The Laboratory shall:

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the resolution or corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses and/or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analyses, including a copy of the approved modification form with the SDG Narrative.
- Initial analysis data are reported with a dilution factor of 2.0 and a final volume of 100 mL, per the SOW.
- Report the additional LCS as "LCSD" in the raw data and in the EDD with QCType "Laboratory_Control_Sample_Duplicate".
- Ensure that up-to-date Interelement Correction Factors (IECs) are provided with the data package.

v	Element, Vavelength and Order	Use?	# IECs	IEC	k1	K2	Calc-in-fit
A	s 189.042 {479}	\boxtimes	1	Fe	-0.000064	0.000000	No
TI	190.856 {477}		5	Мо	-0.002450	0.000000	No
Ī				Co	0.002248	0.000000	No
1			····	Ti	-0.000500	0.000000	No
Ť				Mn	0.000370	0.000000	No
1				V	-0.012340	0.000000	No
Pt	220.353 {453}	M	6	Мо	-0.001480	0.000000	No
1				Al	-0.000075	0.000000	No
				Cu	0.001400	0.000000	No
1		••••••		Fe	0.000030	0.000000	No
1				Mn	0.000340	0.000000	No
				Ni	0.000630	0.000000	No
Se	196.090 {472}		3	Fe	-0.000308	0.000000	No
	1001000 (112)		1	Mn	0.000470	0.000000	No
			•	Co	-0.000630	0.000000	No
Sh	206.833 {463}	\boxtimes	4	Cr	0.010700	0.000000	No
	200.000 (100)			V	-0.001168	0.000000	No
				Mo	-0.002850	0.000000	No
				Ni	-0.002850		
Δ1	396.152 { 85}		4	å		0.000000	No
	493.409 { 68}		Nono	Мо	0.037230	0.000000	No
	234.861 {144}		None	Ma	0.000000	0.000000	
De	234.001 {144}	X	3	Mo	-0.000320	0.000000	No
				Fe	0.000010	0.000000	No
	214 420 (457)	57		Mn	-0.000047	0.000000	No
*********	214.438 {457}	<u> </u>	1	Fe	0.000040	0.000000	No
*****	373.690 { 90}		None				
****	267.716 {126}	<u>¤</u>	1	Mn	0.000160	0.000000	No
Co	228.616 {448}		2	Ti	0.001840	0.000000	No
				Мо	-0.001230	0.000000	No
Cu	324.754 {104}		4	Co	-0.000796	0.000000	No
				Fe	-0.000100	0.000000	No
				Mn	0.000345	0.000000	No
				Ni	0.000895	0.000000	No
	259.837 {130}		None]
Mn	257.610 {131}		1	Ni	0.000897	0.000000	No
	279.079 {121}		None		[
	31.604 {446}		None		I		
	328.068 {103}	\boxtimes	3	Fe	-0.000100	0.000000	No
	I			Mn	0.000146	0.000000	No
1				V	-0.000889	0.000000	No
Na 8	318.326 { 41}		None			1	Ī
V 29	2.402 {115}		2	Мо	-0.008480	0.000000	No
Î			1	Cr	-0.002220	0.000000	No
Zn 2	06.200 {464}		None		1		
	13.856 (158)		1	Ni	0.007280	0.000000	No
·	9.896 { 44 }		None			1	
	7.495 {490}		2	Ni	0.001640	0.000000	No
			_	Cu	-0.012530	0.000000	No
B 24	9.678 {135}		3	Co	0.002880	0.000000	No
1				V	-0.002000	0.000000	No
1			<u> </u>	Fe	-0.002000	0.000000	NO
Mo	202.030 {467}		None	16	-0.001300	0.000000	UNU
	2.034 {485}		None	Ma	0.000000	0.000000	Na
10 10	2.004 (400)		2	Mo	-0.008000	0.000000	No
1	1.5.5.2.1.1.1.2.2.2.2.2.2.2.2.2.2.2.2.2.			Mn	0.002700	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
	Si 251.611 {134}		2	Мо	0.010520	0.000000	No
				Ti	0.005650	0.000000	No
	Sn 189.989 {478}		None		<u>.</u>		
	Ti 336.121 {100}		1	Ni	-0.001000	0.000000	No
	Li 670.784 { 50}		None			1	110
	Y 224.306 {450}*		None				
I	Y 360.073 { 94}*		None				÷
Î	Y 371.030 { 91}*		None				
Ī	Y 224.306 {150}*		None				<u> </u>
	In 230.606 {446}*		None				
	Sr 407.771 { 83}		None				1

~



PERCENT SOLID

Supervisor: Iwona Analyst: jignesh Date: 10/28/2024

OVENTEMP IN Celsius (°C): 107 Time IN: 12:35 In Date: 10/26/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 OvenID: M OVEN#1 OVENTEMP OUT Celsius (°C): 103 Time OUT: 07:30 Out Date: 10/27/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN

QC:LB133143

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
P4522-01	MYE4R1	1	1.15	8.68	9.83	9.7	98.5	
P4522-02	MYE4R1D	2	1.15	8.68	9.83	9.7	98.5	
P4522-03	MYE4R1S	3	1.15	8.68	9.83	9.7	98.5	
P4522-04	MYE4R2	4	1.16	8.60	9.76	9.6	98.1	
P4522-05	MYE4R3	5	1.16	8.73	9.89	9.71	97.9	
P4522-06	MYE4R4	6	1.16	8.53	9.69	9.52	98.0	
P4522-07	MYE4R5	7	1.15	8.47	9.62	9.5	98.6	
P4522-08	MYE4R6	8	1.16	8.76	9.92	9.72	97.7	
P4522-09	MYE4R7	9	1.14	8.65	9.79	9.55	97.2	
P4522-10	MYE4R8	10	1.15	8.77	9.92	9.77	98.3	
P4522-11	MYE4S0	11	1.16	8.39	9.55	9.4	98.2	
P4522-12	MYE4S1	12	1.15	8.71	9.86	9.72	98.4	
P4522-13	MYE4S2	13	1.16	8.67	9.83	9.66	98.0	
P4522-14	MYE4S3	14	1.16	8.47	9.63	9.47	98.1	
P4522-15	MYE4S4	15	1.16	8.73	9.89	9.75	98.4	
P4522-16	MYE4S5	16	1.15	8.67	9.82	9.65	98.0	
P4522-17	MYE4S6	17	1.15	8.50	9.65	9.42	97.3	
P4522-18	MYE4S7	18	1.15	8.61	9.76	9.56	97.7	
P4522-19	MYE4S8	19	1.16	8.49	9.65	9.55	98.8	
P4522-20	MYE4S9	20	1.16	8.59	9.75	9.61	98.4	
P4522-21	MYE4T0	21	1.16	8.54	9.7	9.39	96.4	
P4522-22	MYE4T1	22	1.15	8.47	9.62	9.34	96.7	

$ \text{Solid} = \frac{(C-A) \times 100}{2} $
(B-A)

%1-MS22 Workler ID: 134030 Department: Werkler ID: 134030 Department: Werkler ID: 134030 Depart 1000000000000000000000000000000000000				WORKLIST(Hardcopy Internal Chain)	copy Internal Ch		Chicser CN		CHIESIN
Matrix Test Trailing Custome Raw Sample Colore Data 1 Solid Percenti Solids Cool 4 deg C USEPOI Ort1202034 1 Solid Percenti Solids Cool 4 deg C USEPOI Ort1 Out202024 1 Solid Percenti Solids Cool 4 deg C USEPOI Ort1 Out202024 1 Solid Percenti Solids Cool 4 deg C USEPOI Ort1 Out202024 2 Solid Percenti Solids Cool 4 deg C USEPOI Ort1 Out202024 2 Solid Percenti Solids Cool 4 deg C USEPOI Ort1 Out202024 2 Solid Percenti Solids Cool 4 deg C USEPOI Ort1 Out202024 2 Solid Percenti Solids Cool 4 deg C USEPOI Ort1 Out202024 2 Solid Percenti Solids Cool 4 deg C USEPOI Ort1 Out202024 2 Solid Percenti Solids Cool 4 deg C USEPOI <th>WorkList Name :</th> <th>%1-p4522</th> <th>WorkList</th> <th></th> <th>Department :</th> <th></th> <th>Da</th> <th>10.</th> <th>24 11:45:13</th>	WorkList Name :	%1-p4522	WorkList		Department :		Da	10.	24 11:45:13
1 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 15 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 15 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 2 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 2 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 3 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 4 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 5 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 6 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 7 Solid Percent Solids Cool 4 deg C USEPO1 Q11 04/2024 8 Solid Percent Solids Cool 4 deg C <th>Sample</th> <th>Customer Sample</th> <th>Matrix</th> <th>Test</th> <th>Preservative</th> <th>Customer</th> <th>Raw Sample Storage Location</th> <th>Collect Date</th> <th>Method</th>	Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
1D Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 1S Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 2 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 3 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 4 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 5 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 5 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 5 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 5 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 5 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 5 Solid Percent Solids	P4522-01	MYE4R1	Solid	Percent Solids					
	P4522-02	MYE4R1D	Solid	Dorocation Contraction		USEP01	a11	04/24/2024	Chemtech -SO
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	P4522-03	MYE4R1S			Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4	P4522-04	MYEARO		Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
Solid Percent Solids Cool 4 deg C USEP01 O11 Out24/2024 6 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 6 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 011 04/24/2024 9 Solid Percent Solids Cool 4	P4522-05	MVE402	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
4 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 6 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 7 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 7 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 0.11 0.4/24/2024 9 Solid	D1622 06	IVITE4K3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech _SO
Solid Percent Solids Cool 4 deg C USEP01 Q11 Q1242024 Chemitech Percent Solids Cool 4 deg C USEP01 Q11 Q4242024 Chemitech Percent Solids Forol 4 deg C USEP01 Q11 Q4242024 Chemitech Percent Solids Forol 4 deg C USEP01 Q11 Q41242024 Chemitech Percent Solids Cool 4 deg C USEP01 Q11 Q41242024 Chemitech Percent Solids Cool 4 deg C USEP01 Q11 Q41242024 Chemitech Percent Solids Cool 4 deg C USEP01 Q11 Q12412024 Chemitech Percent Solids Cool 4 deg C USEP01 Q11 Q11 Q12412024 Chemitech Percent Solids Cool 4 deg C USEP01 Q11 Q11 Q1242024 Chemitech Percent Solids Percent Solids Cool 4 deg C USEP01 Q11 Q12412024 Chemitech Percent Solid Percent Solids Cool 4 deg C USEP01 Q11	P4522-00	MYE4R4	Solid	Percent Solids	Cool 4 deg C	USEP01	a11	04/24/2024	Chemtech -SO
bert Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 Chemtend 8 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 Chemtend 8 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 Chemtend 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 Chemtend 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 Chemtend 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 Chemtend 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 Chemtend 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4/24/2024 Chemtend 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 Chemtend 9 Per	D4522 00		Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Chemteed	00-2264	MYE4K6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech _ CO
Solid Percent Solids Cool 4 deg C USEP01 Q11 Q124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 Q4124/2024 Solid Percent Solids	P4522-U9	MYE4R7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	ACOCIACIAO	
Solid Percent Solids Cool 4 deg C USEP01 Q11 Q424/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C	P4522-10	MYE4R8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemitech - 50
Solid Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Percent Solids Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Percent Solid Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Percent Solid Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Percent Solid Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool d deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 S	11-7704-1	MYE4S0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	ACOCIACIAO	
Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 8 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 9 Solid Percent Solids Cool 4 deg C USEP01 Q11 04/24/2024 10 Percent Sol	P4522-12	MYE4S1	Solid	Percent Solids	Cool 4 deg C	USEP01	011		
SolidPercent SolidsCool 4 deg CUSEP010.110.4124120241SolidPercent SolidsCool 4 deg CUSEP010.110.4124120241SolidPercent SolidsCool 4 deg CUSEP010.110.4124120242SolidPercent SolidsCool 4 deg CUSEP010.110.4124120243SolidPercent SolidsCool 4 deg CUSEP010.110.4124120242SolidPercent SolidsCool 4 deg CUSEP010.110.4124120243SolidPercent SolidsCool 4 deg CUSEP010.110.4124120242SolidPercent SolidsCool 4 deg CUSEP010.110.4124120243SolidPercent SolidsCool 4 deg CUSEP010.110.4124120243Percent SolidsCool 4 deg CUSEP010.110.4124120243Percent SolidsCool 4 deg CUSEP010.110.4124120243Percent SolidsPercent SolidsCool 4 deg	P4522-13	MYE4S2	Solid	Percent Solids	Cool 4 deg C	USEP01	10	4202142140	Criemtecn -SO
Image: solid	P4522-14	MYE4S3	Solid	Percent Solids	Cool 4 dea C		2	04/24/2024	Chemtech -SO
SolidPercent SolidsCool 4 deg CUSEP01Q1104/24/2024SolidPercent SolidsCool 4 deg CUSEP01Q1104/24/2024 <tr< td=""><td>P4522-15</td><td>MYE4S4</td><td>Solid</td><td>Percent Solids</td><td></td><td>COEFUL</td><td>011</td><td>04/24/2024</td><td>Chemtech -SO</td></tr<>	P4522-15	MYE4S4	Solid	Percent Solids		COEFUL	011	04/24/2024	Chemtech -SO
NoteSolidPercent SolidsCool 4 deg CUSEP01Q1104/24/2024SolidPercent SolidsCool 4 deg CUSEP01Q1104/24/2024NNNNNNNNNMMNNNNNNMNNNNNNNMNNNNNNNMMNNNNNNMMNNNNNNMMNNNNNNMMNNNNNNMMNNNNNNMMNNNNNNMMNNNNNNM	P4522-16	MYE4S5	Solid	Percent Solids		USEP01	Q11	04/24/2024	Chemtech -SO
SolidPercent SolidsCool 4 deg CUSEP01Q11Q4124/2024SolidPercent SolidsCool 4 deg CUSEP01Q1104/24/2024SolidPercent SolidsCool 4 deg CUSEP01Q1104/24/2024NVPage 1 deg CUSEP01Q1104/24/2024N $(w)C$ Page 1 of 2Page 1 of 2Raw Sample Relinquished by:NoNo	P4522-17	MYE4S6	Solid	Percent Solids		USEP01	Q11	04/24/2024	Chemtech -SO
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	P4522-18	MYE4S7	Solid	Percent Solids		USEP01	a11	04/24/2024	Chemtech -SO
$\frac{1}{21,10}$ $\frac{1}{21,100}$ $\frac{1}$	P4522-19	MYE4S8	Solid	Dercent Colida		USEP01	Q11	04/24/2024	Chemtech -SO
SolidPercent SolidsCool 4 deg CUSEP01Q11Q4/24/2024 $2 1, 1 0$ SolidPercent SolidsCool 4 deg CUSEP01Q1104/24/2024 $12, 1, 1 0$ Date/Time $10 1 0$ Date/Time $10 1 0$ $12, 1/1$ $12, 1, 0$ Date/Time $10 1 0$ Date/Time $10 1 0$ $12, 1/1$ $12, 1, 0$ Date/Time $10 1 0$ Date/Time $10 1 0$ $12, 1/1$ $12, 1, 0$ Date/Time $10 1 0$ No $12, 1/1$ $12, 1/1$ $12, 1, 0$ Page 1 of 2Raw Sample Received by: $12, 1/1$ $12, 1/1$	P4522-20	MYE4S9	Solid	Percent Colids	Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
$\frac{121,10}{12,1,10}$ The cool 4 deg C USEP01 Q11 Q11 04/24/2024 $\frac{121,10}{12,1,10}$ Date/Time 10/26(124/2024) Raw Sample Received by: Raw Sample Relinquished by: Raw Sa	P4522-21	MYE4T0			Cool 4 deg C	USEP01	Q11	04/24/2024	Chemtech -SO
$\frac{ x' _{L}}{\sqrt{1-1}}$		ſ			Cool 4 deg C	USEP01	Q11		Chemtech -SO
Page 1 of 2 Raw Sample Received by: 7 (5 Raw Sample Relinquished by: 7 (6)()		8 1				Date/Time	12/26/24	124	
Page 1 of 2 Raw Sample Relinquished by: 70 (cDC)	aw Sample Receiv	đ				Raw Sample	Received by:	5	Y
		institute of the second		Page 1 o	f 2	Raw Sample	Relinquished by:	70 le	10

6416614	✓/ Date : 10-26-2024 11:45:13	le Collect Date Method		04/24/2024 Chemtech -SO	
19		Raw Sample Storage Location		Q11	
WORKLIST(Hardcopy Internal Chain)	Department : Wet-Chemistry	Customer	USEP01		
	Department :	Preservative	Cool 4 deg C		
	WorkList ID: 184826	Matrix Test	Solid Percent Solids		
		Customer Sample Mat	MYE4T1		
	WorkList Name: %1-p4522		P4522-22		

Page 2 of 2 Date/Time 10/26/24 12 1.1 0 Raw Sample Received by: Raw Sample Relinquished by:

5 70 40 C 12+40 Raw Sample Relinquished by: Date/Time 1126/24