SDG	COVER	PAGE
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Lab Name: All	iance Technical Group, LLC	Contrac	t: 68HERH20D	0011	
Lab Code: ACE	Case No.: 51817	MA No.:	3225.1,3226	.1	SDG No.: MYE516
SOW No. : SFA	M01.1				
EPA Sample No.	Lab Sample Id	ICP-AES	Analysis ICP-MS	Method Mercury	Cyanide
MYE516	P4569-01	X	X		
MYE517	P4569-02	Х	Х		
MYE518	P4569-03	Х	Х		
MYE519	P4569-04	Х	Х		
MYE519D	P4569-05	Х	Х		
MYE519S	P4569-06	Х	Х		
MYE520	P4569-07	Х	Х		
MYE521	P4569-08	Х	Х		
MYE522	P4569-09	Х	Х		
MYE523	P4569-10	Х	X		
MYE524	P4569-11	Х	Х		
MYE525	P4569-12	Х	X		
MYE526	P4569-13	Х	X		
MYE527	P4569-14	Х	Х		
MYE528	P4569-15	Х	Х		
MYE529	P4569-16	Х	X		
MYE530	P4569-17	Х	Х		
MYE532	P4569-18	Х	X		
MYE533	P4569-19	Х	Х		
MYE534	P4569-20	Х	X		
MYE535	P4569-21	Х	X		
MYE536	P4569-22	X	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:

#### Page 1 of 2

USEPA CLP COC (LAB COPY) DateShipped: 10/24/2024 CarrierName: FedEx AirbillNo: 7793 0503 8463

## CHAIN OF CUSTODY RECORD Case #: 51817

Cooler #: EPA Cooler 08

### No: 9-101424-084531-0143

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-726-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection	For Lab Use
90029-H-0007-01	MYE506 -	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-6174 (None) (1)	00000 11 0000	Date/Time	Only
90029-H-0008-01	MYE507	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)		90029-H-0007	04/24/2024 11:27	
90029-H-0009-01	MYE508	Soll/ REAC	Grab		9-8175 (None) (1)	90029-H-0008	04/24/2024 11:14	
90029-H-0010-01	MYE509			ICP-AES and ICP-MS(21)	9-8176 (None) (1)	90029-H-0009	04/24/2024 11:40	
90029-H-0011-01		Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8177 (None) (1)	90029-H-0010	04/24/2024 11:08	
	MYE510	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8178 (None) (1)	90029-H-0011	04/24/2024 11:18	
90029-1-0001-01	MYE511	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8179 (None) (1)	90029-1-0001	04/24/2024 12:07	
90029-1-0002-01	MYE512	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8180 (None) (1)	90029-1-0002		
90029-1-0003-01	MYE513	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8181 (None) (1)		04/24/2024 11:32	
90029-1-0004-01	MYE514	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)		90029-1-0003	04/24/2024 12:01	
90029-1-0005-01	MYE515	Soll REAC	Grab		9-8182 (None) (1)	90029-1-0004	04/24/2024 11:48	
90029-1-0006-01	MYE516	Soil/ REAC		ICP-AES and ICP-MS(21)	9-8183 (None) (1)	90029-1-0005	04/24/2024 11:58	
90029-1-0007-01	MYE517		Grab	ICP-AES and ICP-MS(21)	9-6184 (None) (1)	90029-1-0006	04/24/2024 11:38	
		Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8185 (None) (1)	90029-1-0007	04/24/2024 11:57	
90029-1-0008-01	MYE518	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8186 (None) (1)	90029-1-0008	04/24/2024 11:57	
90029-1-0009-03	MYE519	Soil/ ERT	Grab	ICP-AES and ICP-MS(21)	9-8187 (None) (1)	90029-1-0009		210
90029-1-0010-01	MYE520	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8188 (None) (1)		04/24/2024 11:49	QC
90029-1-0011-01	MYE521	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)		90029-1-0010	04/24/2024 11:50	
0029-J-0001-01	MYE522	Soil/ REAC	Grab		9-8189 (None) (1)	90029-1-0011	04/24/2024 11:43	
0029-J-0002-01	MYE523	Soil/ REAC		ICP-AES and ICP-MS(21)	9-6190 (None) (1)	90029-J-0001	04/24/2024 10:38	
0029-J-0003-01	MYE524		Grab	ICP-AES and ICP-MS(21)	9-8191 (None) (1)	90029-J-0002	04/24/2024 11:07	
000001	WTE524	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8192 (None) (1)	90029-J-0003	04/24/2024 10:29	

^3,04,05,04,00,00,07,01,16 K Ma Ma Na Ni Di	Special Instruction	s: ICP-AES	Shipment for Case	
ə,Ti, V, Zn		-MS 11+ Metals: Ag, As, Ba,Be, Cd, Co, C	r, Samples Transferm	ed From Chain of Custody #
-AES and ICP-MS=Metals ICP-AES and ICP-MS	001	OGT		
Relinquished by (Signature and Organization)	Date/Time	Received by (Si Ature and Oreaning)		1
	10/18/24	Received by (Signature and Organizat	6948	Sample Condition Upon Receipt
10	16:00	N ( In	10.25.202	IRCUNHI
				Custody seal
				Town Pin 1
8	-AES and ICP-MS=Metals ICP-AES and ICP-MS	ALBA, BB, CB, Cd, CO, CT, CU, Fe, K, Mg, Mn, Na, Ni, Pb, Sb, Se, TI, V, Zn ICP AES and ICP-MS=Metals ICP-AES and ICP-MS Relinquished by (Signature and Organization) Date/Time	AES and ICP-MS=Metals ICP-AES and ICP-MS Relinquished by (Signature and Organization) Date/Time Received by (Signature and Organization) Date/Time Received by (Signature and Organization)	AES and ICP-MS=Metals ICP-AES and ICP-MS Relinquished by (Signature and Organization) Date/Time Received by (Signature and Organization)

.

#### Page 2 of 2

USEPA CLP COC (LAB COPY) DateShipped: 10/24/2024 CarrierName: FedEx AirbillNo: 7793 0503 8463

# CHAIN OF CUSTODY RECORD

Cooler #: EPA Cooler 08

### No: 9-101424-084531-0143

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	For Lab Use
90029-J-0004-01	MYE525	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	0.9103 (blass) (1)		Date/Time	Only
90029-J-0005-01	MYE526	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8193 (None) (1)	90029-J-0004	04/24/2024 11:03	2
90029-J-0006-01	MYE527	Soil/ REAC			9-8194 (Nane) (1)	90029-J-0005	04/24/2024 10:44	
90029-J-0007-01	MYE528		Grab	ICP-AES and ICP-MS(21)	9-8195 (None) (1)	90029-J-0006	04/24/2024 11:06	
		Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8196 (None) (1)	90029-J-0007	04/24/2024 10:33	
90029-J-0008-01	MYE529	Soll/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8197 (None) (1)	90029-J-0008	04/24/2024 10:48	
90029-J-0009-01	MYE530	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8198 (None) (1)	90029-J-0009		
90029-J-0010-03	MYE531	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8199 (None) (1)		04/24/2024 10:30	
90029-J-0011-01	MYE532	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)		90029-J-0010	04/24/2024 10:59	QC
90029-L-0001-01	MYE533	Soll REAC	Grab		9-8200 (None) (1)	90029-J-0011	04/24/2024 10:42	1
90029-L-0002-01	MYE534	Soil/ REAC		ICP-AES and ICP-MS(21)	9-8201 (None) (1)	90029-L-0001	04/24/2024 16:44	
90029-L-0003-01			Grab	ICP-AES and ICP-MS(21)	9-8202 (None) (1)	90029-L-0002	04/24/2024 16:32	
	MYE535	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8203 (None) (1)	90029-L-0003	04/24/2024 16:58	
90029-1-0004-01	MYE536	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8204 (None) (1)	90029-L-0004	04/24/2024 16:30	
90029-L-0005-01	MYE537	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8205 (None) (1)			
0029-L-0006-01	MYE538	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)		90029-L-0005	04/24/2024 16:38	
0029-L-0007-01	MYE539	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8206 (None) (1)	90029-L-0006	04/24/2024 16:24	
0029-L-0008-01	MYE540	SON REAC	Grab		9-8207 (None) (1)	90029-L-0007	04/24/2024 16:52	
0029-L-0009-01	MYE541	Soil/ REAC		ICP-AES and ICP-MS(21)	9-8208 (None) (1)	90029-L-0008	04/24/2024 16:08	
0029-L-0010-01			Grab	ICP-AES and ICP-MS(21)	9-8209 (None) (1)	90029-L-0009	04/24/2024 16:48	
	MYE542	Soil/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8210 (None) (1)	90029-L-0010	04/24/2024 16:36	
0029-L-0011-03	MYE543	Soll/ REAC	Grab	ICP-AES and ICP-MS(21)	9-8211 (None) (1)	90029-L-0011	04/24/2024 16:28	QC.

	used for Lab QC: 90029-J-0010-03 Tag 9-8199, 9 As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb e.Tl. V. Zn	0029-L-0011-03 Ta	g 9-8211 - Special Instruct	tions: ICP-AES	Shipment for Case	
Cu, Ni, Pb, Sb, S	e, 11, V, Zn	,50,3e, 11, V, Zn ICP	57867	,Be, Cd, Co, Cr,	Samples Transferre	d From Chain of Custody #
nalysis Key: ICF	P-AES and ICP-MS=Metals ICP-AES and ICP-MS		TOGT		A	
Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Peoply of the state			
	Jany Whithen R9 ESAT	10/18/24	Received by (Signature	and Organization)	Date/Time	Sample Condition Upon Receipt
	July comment is conf	16:00	V (au	n	10.25.2024	IP an #1
						A.I.I.
						Custody Stall
					8	Temp BK NOT /re

### FORM DC-1

## SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC						Page_1_of_1_			
Received By (Pr	int Name)	880	_ Cerc			Log-in Date	e 10/25/2	2024	
Received By (Sig	gnature)								
Case Number	51817	SDG	No. MYE51	L6		MA No. 32	25.1,3226.1		
					4				
Remarks:						Correspondir	ng		
Custody Seal (s)	Present, Intact			Aqueous	ļ			Remarks: Condition	
2. Custody Seal Nos.	057867		EPA Sample #	Water Sample pH		Sample Assig Tag # Lab		of Sample Shipment, etc.	
3. Traffic Reports/Chain Of	Present	1	MYE516	N/A	9-8184		P4569-01	Intact	
Custody Records		2	MYE517	N/A	9-8185		P4569-02	Intact	
4. Airbill	Dresent	3	MYE518	N/A	9-8186		P4569-03	Intact	
4, 1 mom	Present	4	MYE519	N/A	9-8187		P4569-04	Intact	
5. Airbill No. and	779305038463	5	MYE519D	N/A	9-8187		P4569-05	Intact	
Shipping Container ID No.	1	6	MYE519S	N/A	9-8187		P4569-06	Intact	
6 Shinging Containen		7	MYE520	N/A	9-8188		P4569-07	Intact	
6. Shipping Container Temperature	Absent	8	MYE521	N/A	9-8189		P4569-08	Intact	
Indicator Bottle		9	MYE522	N/A	9-8190		P4569-09	Intact	
7. Shipping Container	18.1 Degree C	10	MYE523	N/A	9-8191		P4569-10	Intact	
Temperature		11	MYE524	N/A	9-8192		P4569-11	Intact	
8. Sample	Intact	12	MYE525	N/A	9-8193		P4569-12	Intact	
Condition		13	MYE526	Ņ/A	9-8194		P4569-13	Intact	
		14	MYE527	N/A	9-8195		P4569-14	Intact	
9. Sample Tags Sample Tag	Absent	15	MYE528	N/A	9-8196		P4569-15	Intact	
Numbers	Listed on Traffic	16	MYE529	N/A	9-8197		P4569-16	Intact	
	Report	17	MYE530	N/A	9-8198		P4569-17	Intact	
<ol> <li>Does information on Traffic</li> </ol>	Yes	18	MYE532	N/A	9-8200		P4569-18	Intact	
Reports/Chain of Custody Records		19	MYE533	N/A	9-8201		P4569-19	Intact	
and Sample Tags		20	MYE534	N/A	9-8202		P4569-20	Intact	
agree ?		21	MYE535	N/A	9-8203		P4569-21	Intact	
11. Date Received at Lab	10/25/2024	22	MYE536	N/A	9-8204		P4569-22	Intact	
		23	N/A	N/A	N/A		N/A	N/A	
12.Time Received	09:48								

## \* Contact SMO and attach record of resolution

Reviewed By	5. M. Jodhemi	Logbook No.	N/A	
Date	10/25/2024	Logbook Page No.	N/A	

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

Alliance Technical	L Group, LLC	
ACE		
68HERH20D0011		
51817	SDG NO.	MYE516
3225.1,3226.1	SOW NO.	SFAM01.1
	ACE 68HERH20D0011 51817	68HERH20D0011 51817 SDG NO.

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

	PAGE FROM	PAGE NOS: FROM TO		REGION
1. SDG Cover Page	1	1	✓	
2. Traffic Report/Chain of Custody Record(s)	2	3	✓	
3. Sample Log-In Sheet (DC-1)	4	4	1	
4. CSF Inventory Sheet (DC-2)	5	7	✓	
5. SDG Narrative	8	17	1	
6. Communication Logs	NA	NA	1	
7. Percent Solids Log	18	20	✓	
Analysis Forms and Data (ICP-AES)				
8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	21	40		
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order	41	737	✓	
Other Data				
10. Standard and Reagent Preparation Logs	738	878	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and	879	880	✓	
Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or	881	907	~	
Instrument Logbooks 13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
14. Extraction Logs for TCLP and SPLP	NA	NA	1	
15. Raw GPC Data	NA	NA	✓	
16. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (ICP-MS)				
17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	908	927	✓	
or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order	928	3399		
Other Data				
19. Standard and Reagent Preparation Logs	3400	3535	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and	3536	3537	✓	
Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	3538	3559		
Instrument Logbooks 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	PAGE NOs:		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)       NA       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       NA         36. Instrument raw data by instrument in analysis order       NA       NA       NA       NA       NA         37. Standard and Reagent Preparation Logs       NA       N	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       ✓         Other Data       37. Standard and Reagent Preparation Logs       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       ✓       ✓ <td< td=""><td>31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample</td><td>NA</td><td>NA</td><td>✓</td><td>·</td></td<>	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	✓	

				NOs:		IECK
			FROM	TO	LAB	REGION
Additional 44. EPA Shipp	ping/Receiving Documents					
Airbill (	(No. of Shipments)		3560	3560	✓	
Sample Ta	ags		NA	NA	✓	
Sample Lo	og-In Sheet (Lab)		3561	3563	✓	
45. Misc. Shi	pping/Receiving Records(list all indivi	dual records)	NA	NA	✓	
	Lab Sample Transfer Records and Trackir e or list)	ng Sheets	3564	3567	✓	
	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 # MYE516 CASE # 51817 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # P4569 MODIFIED ANALYSIS #3225.1, 3226.1

### A. Number of Samples and Date of Receipt

20 Soil samples were delivered to the laboratory intact on 10/25/2024.

### **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: 18.1°C

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

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

### **E.** Corrective Action taken for above:

Resolution: 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 MYE516 For Antimony:**

= 2.685285 mg/kg

= 2.7 mg/kg (Reported Result with Signification)

### **Calculation for ICP-MS Soil Sample:**

Conversion of Results from  $\mu g / L$  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 MYE516 For Antimony:

If C = 3.42 ppb Vf = 500 ml W = 1.13 g S = 0.956(95.6 /100) DF = 1 Concentration (mg/kg) =  $3.42 \times \frac{500}{1.13 \times 0.956} \times 1 / 1000$ = 1.582922 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. AES Spike sample (MYE519S)did meet requirements except for Copper, Zinc. MS Spike sample (MYE519SRE)did meet requirements except for Silver. MS Spike sample (MYE519S)did meet requirements except for Selenium. Duplicate sample did meet requirements. Serial Dilution did meet requirement 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

Internal Standard Association for ICP-MS analysis.



Cadmium	159Tb
Chromium	45Sc
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	<b>Title:</b> 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.
<ul> <li>Prepare and analyze an a for this Modified Analysis</li> <li>Post-Digestion Spike required</li> </ul>	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	<b>MA:</b> 3226.1	<b>Title:</b> 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
<ul> <li>for Draft Method 3050</li> <li>Prepare and analyze ar Recovery limits do NOT</li> <li>Prepare a Matrix Spike</li> <li>Post-Digestion Spike re</li> </ul>	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
<ul> <li>Mix sample the</li> <li>Add 10 mL 1:1</li> <li>minutes.</li> </ul>	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	1.5.5.2.1111/2000/00/00/00/00/00/00/00/00/00/00/00/0			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				
	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: 13:50 In Date: 10/27/2024 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: 10/28/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN

**QC:**LB133154

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
P4569-01	MYE516	1	1.13	8.45	9.58	9.21	95.6	
P4569-02	MYE517	2	1.18	8.45	9.63	9.28	95.9	
P4569-03	MYE518	3	1.17	8.56	9.73	9.39	96.0	
P4569-04	MYE519	4	1.12	8.80	9.92	9.78	98.4	
P4569-05	MYE519D	5	1.12	8.80	9.92	9.78	98.4	
P4569-06	MYE519S	6	1.12	8.80	9.92	9.78	98.4	
P4569-07	MYE520	7	1.15	8.38	9.53	9.26	96.8	
P4569-08	MYE521	8	1.17	8.60	9.77	9.57	97.7	
P4569-09	MYE522	9	1.18	8.66	9.84	9.31	93.9	
P4569-10	MYE523	10	1.14	8.79	9.93	9.75	98.0	
P4569-11	MYE524	11	1.17	8.58	9.75	9.52	97.3	
P4569-12	MYE525	12	1.17	8.41	9.58	9.37	97.5	
P4569-13	MYE526	13	1.16	8.56	9.72	9.43	96.6	
P4569-14	MYE527	14	1.18	8.53	9.71	9.28	95.0	
P4569-15	MYE528	15	1.16	8.40	9.56	9.14	95.0	
P4569-16	MYE529	16	1.18	8.42	9.6	9.11	94.2	
P4569-17	MYE530	17	1.14	8.45	9.59	9.33	96.9	
P4569-18	MYE532	18	1.12	8.70	9.82	9.57	97.1	
P4569-19	MYE533	19	1.18	8.52	9.7	9.24	94.6	
P4569-20	MYE534	20	1.18	8.48	9.66	9.24	95.0	
P4569-21	MYE535	21	1.18	8.63	9.81	9.59	97.5	
P4569-22	MYE536	22	1.17	8.80	9.97	9.73	97.3	

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

			<b>WORKLIST(</b>	WORKLIST(Hardcopy Internal Chain)		121661 CN	(1)	
WorkList Name :	%1-p4569	WorkList ID :	: 184837	Department : Wet	Wet-Chemistry	Da	<b>Date :</b> 10-27-203	10-27-2024 07:19:03
Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4569-01	MYE516	Solid	Percent Solids	Cool 4 door C				
P4569-02	MYE517		Percent Solide		USEP01	Q22	04/24/2024	Chemtech -SO
P4569-03	MYE518				USEP01	Q22	04/24/2024	Chemtech -SO
P4569-04	MYE519		Parcent Solide	Cool 4 deg C	USEP01	022	04/24/2024	Chemtech -SO
P4569-05	MYE519D		Percent Solids		USEP01	022	04/24/2024	Chemtech -SO
P4569-06	MYE519S	Solid	Percent Solids			022	04/24/2024	Chemtech -SO
P4569-07	MYE520		Percent Solids	C and 4 deg	USEP01	Q22	04/24/2024	Chemtech -SO
P4569-08	MYE521		Dercent Solido		USEP01	Q22	04/24/2024	Chemtech -SO
P4569-09	MYE522		Percent Solids	Cool 4 deg C	USEP01	Q22	04/24/2024	Chemtech -SO
P4569-10	MYE523		Dercent Solido	0 fan + 1000	USEP01	Q22	04/24/2024	Chemtech -SO
P4569-11	MYE524			Cool 4 deg C	USEP01	Q22	04/24/2024	Chemtech -SO
P4569-12	MVE626		Percent Solids	Cool 4 deg C	USEP01	Q22	04/24/2024	Chemtech -SO
D1660 45		Solid	Percent Solids	Cool 4 deg C	USEP01	Q22	04/24/2024	Chemtech -SO
74009-13	MYE526	Solid	Percent Solids	Cool 4 deg C	USEP01	022	04/24/2024	Chemtech -SO
P4569-14	MYE527	Solid	Percent Solids	Cool 4 deg C	USEP01	Q22	04/24/2024	Chemtech _SO
P4569-15	MYE528	Solid	Percent Solids	Cool 4 deg C	USEP01	022	04/24/2024	Chemtech 50
P4569-16	MYE529	Solid	Percent Solids	Cool 4 deg C	USEP01	022	04/24/2024	Chemtech CO
P4569-17	MYE530	Solid F	Percent Solids	Cool 4 deg C	USEP01	Q22	04/24/2024	Chamtach - 20
P4569-18	MYE532	Solid F	Percent Solids	Cool 4 deg C	USEP01	Q22	04/24/2024	Chemtoch 60
P4569-19	MYE533	Solid F	Percent Solids	Cool 4 deg C	USEP01	022	04/24/2024	Chamtech - 30
P4569-20	MYE534	Solid	Percent Solids	Cool 4 deg C	USEP01	022	04/24/2024	Chemtech 50
P4569-21	MYE535	Solid P	Percent Solids	Cool 4 deg C	USEP01	Q22		Chemtech -SO
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			Ре	Page 1 of 2	Raw Sample F	Raw Sample Relinquished by:	()e	culc

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	WORKLIST(Hardcopy Internal Chain)	Department : Wet-Chemistry
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		%1-p4569
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024 07:19:03	Method		Chartened C	04-124-01eintech-20
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Department : Wet-Chemistry	Customer		USEP01	
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WorkList ID: 184837	Test		Solid Percent Solids	
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%1-p4569	Customer Sample	MVESSE	INIT E030	
WorkList Name : %1-p4569	Sample	P4569-22	17 0004	

Date/Time 2011/14/4 121.45 Raw Sample Received by: 40 WLC

141,00 JOCSM) Raw Sample Relinquished by: Date/Time [0] A + 124 Raw Sample Received by:

Page 2 of 2