SDG COVER PAGE

Lab Name: Alliance	e Technical Group, LLC	Contrac	ct: 68HERH20	D0011	
Lab Code: ACE	Case No.: 51955	MA No.:	3152.0		SDG No.: YE8G3
SOW No. : SFAM01.	1				
EPA Sample No.	Lab Sample Id	ICP-AES	Analysis ICP-MS	Method Mercury	Cyanide
YE8G3	Q1105-01	X	Х	Х	
YE8G5	Q1105-02	X	Х	X	
YE8G6	Q1105-03	X	X	X	
YE8G6D	Q1105-04	X	X	X	
YE8G6S	Q1105-05	X	X	X	
YE8H0	Q1105-06	X	X	X	
YE8H1	Q1105-07	Х	Х	Х	
YE8H2	Q1105-08	Х	Х	Х	
YE8H3	Q1105-09	Х	X	Х	
YE8H4	Q1105-10	Х	Х	Х	
YE8H5	Q1105-11	Х	X	Х	
YE8H6	Q1105-12	X	X	X	
YE8E9	Q1105-13	Х	Х	Х	
YE8F0	Q1105-14	Х	Х	Х	
YE8F1	Q1105-15	Х	Х	X	
YE8F2	Q1105-16	Х	Х	Х	
YE8F3	Q1105-17	Х	Х	Х	
YE8F4	Q1105-18	Х	X	Х	
YE8F6	Q1105-19	Х	Х	Х	
YE8G0	Q1105-20	Х	Х	Х	
YE8G1	Q1105-21	X	Х	Х	
YE8G2	Q1105-22	Χ	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:

DateShipped: 1/15/2025	/2025						Lab: Alliance Technical Group LLC	ical Group LLC
CarrierName: FedEx AirbillNo: 7714 3444 6883	Ex 4 6883			Case ≠ MA 3	Case #: 51955 MA 3152.0		Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900	ontact: Mohammad Ahmed Lab Phone: 908-789-8900
Sample Identifier	CLP	Matrix/Sampler	Coll.	Analysis/Turnaround	d Tag/Preservative/Sottles	Location	Collection	For Lab Use
MW-29-SO-39-40	YE8G3	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP	LP 388 (Wet Ice), 389 (Wet Ice) (3)	29	01/13/2025 16/45	515
MW-29-SO-41-42	YE8G5	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP	LP 396 (Wet Ice), 397 (Wet Ice) (3)	29	01/13/2025 16:40	
MW-29-SO-43-44	YE8G6	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	LP 400 (Wet Ice), 401 (Wet Ice) (3)	29	01/13/2025 16:35	R
MW-30-SO-8-10	YE8H0	Soil/ EAEST	Grab	SPLP ICP-AES(21)	417 (Wet Ice) (2)	30	01/13/2025 14:10	
				-				
			-					
					0	Shipment for Case Complete? N	e Complete? N	
Sample(s) to be us	ed for Lab QC: N	MW-29-SO-43-44 Ta	1g 400, MW-2	Sample(s) to be used for Lab QC: MW-29-SO-43-44 Tag 400, MW-29-SO-43-44 Tag 401	(A)	amples Transfer	Samples Transferred From Chain of Custody #	Sustody #
Analysis Key: ICP-	ALS/MS=ICP-A	ES/MS Metais+Hg M	⊮A 3132.0, pr	ו, טרנר וער-אבט-טרנה	Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3132.0, pH, SPLP ICP-AES-SPLP ICP-AES inclusion 113, pH			
Items/Reason	Relinquished by	Relinquished by (Signature and Organization)			Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt	ר Upon Receipt
	3 yr	AZ /		1500	R	1-16-25	72.6-#1	1 2.1.
	0				4		Curterly Seal Intre	al Istact
					1		Tep Blank prose	ik prosent
							4	-

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

SDG # YE8G3

68HERH20D0011

No: 9-011425-221848-0002

USEPA CLP COC (LAB COPY)	LAB COPY)			CHAIN OF CU	CHAIN OF CUSTODY RECORD		No: 9-011425-222734-0003 Lab: Alliance Technical Group LLC	222734-0003
CarrierName: FedEx				Case	Case #: 51955		Lab Contact: Mohammad Ahmed	nammad Ahmed
AirbillNo: 7714 2444 8680	8680			MA	MA 3152.0		Lab Phone	Lab Phone: 908-789-8900
Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	nd Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MW-30-SO-8-10	YE8H0	Soil/ EAEST	Grab	ICP-AES/MS(21)	416 (Wet Ice) (1)	30	01/13/2025 14:10	
MW-30-SO-17-18	YE8H1	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	PLP 420 (Wet Ice), 421 (Wet Ice) (3)	30	01/13/2025 14:05	
MW-30-SO-18- 19.5	YE8H2	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	⁵ LP 424 (Wet Ice), 425 (Wet Ice) (3)	30	01/13/2025 14:00	
MW-30-SO-19.5- 20	ҮЕ8Н3	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	⁵ LP 428 (Wet Ice), 429 (Wet Ice) (3)	30	01/13/2025 13:55	
					-			
						Shipment for Case Complete? N	e Complete? N	
Special Instructions:						Samples Transfer	Samples Transferred From Chain of Custody #	Custody #
Analysis Key: ICP-AE	ES/MS=ICP-A	ES/MS Metals+Hg N	IA 3152.0, pH	I, SPLP ICP-AES=SPLP	Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH			
Items/Reason F	Relinquished by	Relinquished by (Signature and Organization)	janization)	Date/Time Re	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt	n Upon Receipt
	MMX	EA		1201	CR-	1-16-25	the Cant	El 2.0-
	19					: 	Custady .	See (This
	4	2					res Br	thes
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68HERH20D0011

SDG # YE8G3

DateShipped: 1/15/2025 CarrierName: FedEx AirbillNo: 7714 3443 1891	/2025 ≦x ∶3 1891			Case #: 51955 MA 3152.0	51955 52.0		Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-789-8900	ance Technical Group LLC ontact: Mohammad Ahmed Lab Phone: 908-789-8900
Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MW-930-SO-8-10	YE8H4	Soii/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	432 (Wet Ice), 433 (Wet Ice) (3)	930	01/13/2025 14:10	
MW-30-SO-20-21	YE8H5	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	436 (Wet Ice), 437 (Wet Ice) (3)	30	01/13/2025 13:50	
MW-30-SO-21- 21.5	ҮЕ8Н6	Soil/ EAEST	Grab	ICP-AES/MS(21), SPLP ICP-AES(21)	³ 440 (Wet Ice), 441 (Wet Ice) (3)	30	01/13/2025 13:45	
					S	Shipment for Case Complete? N	e Complete? N	
Special Instructions:					S	bamples Transfer	Samples Transferred From Chain of Custody #	Custody #
Analysis Key: ICP-/	AES/MS=ICP-AI	ES/MS Metals+Hg N	IA 3152.0, pH	Analysis Key: ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH	P-AES Metals + Hg, pH			
Items/Reason	Relinquished by	Relinquished by (Signature and Organization)	yanization)		Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt	n Upon Receipt
	NU	r EA		1500	¢ f	9:32	TR. Cunt 1	1 1.9.
	8º	0					Custody Seal Intact	al Intert
					1		Temp Ble	Temp Blenk Drosult
								•

USEPA CLP COC (LAB COPY)

No: 9-011425-223134-0004

SDG # YE8G3

CHAIN OF CUSTODY RECORD

68HERH20D0011

YE8F1 Soil/ EAEST Grab ICP-AES/MS(21) YE8F2 Soil/ EAEST Grab ICP-AES/MS(21) YE8F3 Soil/ EAEST Grab ICP-AES/MS(21) YE8F4 Soil/ EAEST Grab ICP-AES/MS(21) YE8F6 Soil/ EAEST Grab ICP-AES/MS(21), SPLP YE8F6 Soil/ EAEST Grab ICP-AES/S(21), SPLP YE8F6 Soil/ EAEST Grab ICP-AES(21), SPLP YE8F6 Soil/ EAEST Grab ICP-AES(21)	YE8F1Soil/ EAESTGrabICP-AES/MS(21)304 (Wet Ice) (1)YE8F2Soil/ EAESTGrabICP-AES/MS(21)311 (Wet Ice) (1)YE8F3Soil/ EAESTGrabICP-AES/MS(21)318 (Wet Ice) (1)YE8F6Soil/ EAESTGrabICP-AES/MS(21), SPLP325 (Wet Ice) (1)YE8F6Soil/ EAESTGrabICP-AES/MS(21), SPLP339 (Wet Ice), 343 (Wet Ice) (3)YE8F6Soil/ EAESTGrabICP-AES(21), SPLP339 (Wet Ice), 343 (Wet Ice) (3)YE8F6Soil/ EAESTGrabICP-AES(21)Soil/ EAEST (2)YE8F6Soil/ EAESTGrabICP-AES(21)GrabYE8F6Soil/ EAESTGrabICP-AES(21)GrabYE8F6GrabGrabGrabICP-AES(21)YE8F6GrabGrabGrabGrabYE8F6GrabGrabGrabGrabYE8F6GrabGrabGrabGrabYE8F6GrabGrabGrabYE8F6 <th>Soil/ EAEST Grab ICP-AES/MS(21) 304 (Wet Ice) (1) Soil/ EAEST Grab ICP-AES/MS(21) 311 (Wet Ice) (1) Soil/ EAEST Grab ICP-AES/MS(21) 318 (Wet Ice) (1) Soil/ EAEST Grab ICP-AES/MS(21) 325 (Wet Ice) (1) Soil/ EAEST Grab ICP-AES/MS(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES/SIS(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES(21), SPLP Sater Ice) Soil/ EAEST Option provide Sater Ice) Sater Ice) Soil/ EAEST Date/Time Received by (Signature and Organization) Sater Ice)</th> <th>7/20</th> <th>.AB COPY))25 5553 CLP CLP YE8E9 YE8E9 YE8F0</th> <th>Matrix/Sampler Soil/ EAEST Soil/ EAEST</th> <th>Ccil. Method Grab</th> <th>CHAIN OF CUSTODY RECORD Case #: 51955 MA 3152.0 Analysis/Turnaround Tag/Pro (Days) ICP-AES/MS(21) 290 ICP-AES/MS(21) 290</th> <th>68HERH20D0011 DY RECORD 955 0 Tag/Preservative/Bottles 290 (Wet Ice) (1) 297 (Wet Ice) (1)</th> <th>Location AX AX</th> <th></th> <th>(0</th>	Soil/ EAEST Grab ICP-AES/MS(21) 304 (Wet Ice) (1) Soil/ EAEST Grab ICP-AES/MS(21) 311 (Wet Ice) (1) Soil/ EAEST Grab ICP-AES/MS(21) 318 (Wet Ice) (1) Soil/ EAEST Grab ICP-AES/MS(21) 325 (Wet Ice) (1) Soil/ EAEST Grab ICP-AES/MS(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES/SIS(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) Soil/ EAEST Grab ICP-AES(21), SPLP Sater Ice) Soil/ EAEST Option provide Sater Ice) Sater Ice) Soil/ EAEST Date/Time Received by (Signature and Organization) Sater Ice)	7/20	.AB COPY))25 5553 CLP CLP YE8E9 YE8E9 YE8F0	Matrix/Sampler Soil/ EAEST Soil/ EAEST	Ccil. Method Grab	CHAIN OF CUSTODY RECORD Case #: 51955 MA 3152.0 Analysis/Turnaround Tag/Pro (Days) ICP-AES/MS(21) 290 ICP-AES/MS(21) 290	68HERH20D0011 DY RECORD 955 0 Tag/Preservative/Bottles 290 (Wet Ice) (1) 297 (Wet Ice) (1)	Location AX AX		(0
Grab ICP-AES/MS(21) Grab ICP-AES/MS(21) Grab ICP-AES/MS(21), SPLP ICP-AES(21)	Grab ICP-AES/MS(21) 318 (Wet Ice) (1) Grab ICP-AES/MS(21) 325 (Wet Ice) (1) Grab ICP-AES/MS(21), SPLP 339 (Wet Ice), 343 (Wet Ice) (3) ICP-AES(21) ICP-AES(21) 339 (Wet Ice), 343 (Wet Ice) (3) ICP-AES(21) ICP-AES(21) ICP-AES(21)	9) (1) 9) (1) Wet Ice) (3) Drganization)	YE8E9 YE8F0 YE8F1 YE8F1		Soil/ EAEST Soil/ EAEST Soil/ EAEST	Grab Grab Grab	ICP-AES/MS(21) ICP-AES/MS(21) ICP-AES/MS(21)	290 (Wet Ice) (1) 297 (Wet Ice) (1) 304 (Wet Ice) (1) 311 (Wet Ice) (1)		AX AX AX	
Soil/ EAEST Grab ICP-AES/MS(21) Soil/ EAEST Grab ICP-AES/MS(21), SPLP ICP-AES(21) ICP-AES(21)	Soil/ EAESTGrabICP-AES/MS(21)325 (Wet Ice) (1)Soil/ EAESTGrabICP-AES/MS(21), SPLP339 (Wet Ice), 343 (Wet Ice) (3)ICP-AES(21)ICP-AES(21)ICP-AES(21)ICP-AES(21)ICP-AES(21)ICP-AES(21)	(1) Wet Ice) (3) Organization)		YE8F2 YE8F3	Soil/ EAEST Soil/ EAEST	Grab Grab	ICP-AES/MS(21) ICP-AES/MS(21)	311 (Wet Ice) (1) 318 (Wet Ice) (1)		AX AX	AX 01/15/2025 10:10 AX 01/15/2025 10:15
		brganization)		YE8F4 YE8F6	Soil/ EAEST Soil/ EAEST	Grab Grab	ICP-AES/MS(21) ICP-AES/MS(21), SPLP ICP-AES/21)	325 (Wet Ice) (1) 339 (Wet Ice), 343 (Wet Ice) (3)		AX 28	AX 01/15/2025 10:20 28 01/15/2025 09:00
		Organization)					ICP-AES(21)				
P-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH, SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH	Delinewinhed by (Cignoture and Organization) Date/Time		~	11801 Hui		7/250 7/250				1 18/25	

	Sur	Items/Reason Relinquished by (Signature and Organization)	Analysis Key: SPLP ICP-AES=SPLP ICP-AES Metals + Hg, pH, ICP-AES/MS=ICP-AES/MS Metals+Hg MA 3152.0, pH	Special Instructions:					MW-28-SO-18.5- YE8G2 Si 19.5	MW-28-SO-38-40 YE8G1 S	MW-28-SO-20-22 YE8G0 S	MW-928-SO-8-10 YE8F9 S	Sample Identifier CLP Mat Sample No.	AirbillNo: 7714 8857 3310	CarrierName: FedEx	DateShipped: 1/17/2025	USEPA CLP COC (LAB COPY)
	NO	nature and Orga	-AES Metals +						Soil/ EAEST	Soil/ EAEST	Soil/ EAEST	Soil/ EAEST	Matrix/Sampler				
		anization)	Hg, pH, ICP-/						Grab	Grab	Grab	Grab	Coll. Method				
	17/2025	Date/Time Receiv	AES/MS=ICP-AES/MS Meta	141 1					ICP-AES/MS(21), SPLP ICP-AES(21)	ICP-AES/MS(21), SPLP ICP-AES(21)	ICP-AES/MS(21), SPLP ICP-AES(21)	SPLP ICP-AES(21)	Analysis/Turnaround (Days)	MA 3152.0	Case #: 51955		CHAIN OF CUSTODY RECORD
	Der	Received by (Signature and Organization)	als+Hg MA 3152.0, pH	s and a second	S				381 (Wet Ice), 385 (Wet Ice) (3)	374 (Wet Ice), 378 (Wet Ice) (3)	367 (Wet Ice), 371 (Wet Ice) (3)	364 (Wet Ice) (2)	Tag/Preservative/Bottles	2.0	1955		DY RECORD
10.5	1/18/25	Date/Time		amples Transfe	hipment for Cas			ţ.	28	28	28	928	Location				
1 The ble	7.3.1	Sample Conditic		Samples Transferred From Chain of Custody #	Shipment for Case Complete? N				01/15/2025 12:15	01/15/2025 12:10	01/15/2025 12:10	01/15/2025 09:10	Collection Date/Time	Lab Phon	Lab Contact: Mohammad Ahmed	Lab: Alliance Technical Group LLC	No: 9-011625-152322-0009
t has		Sample Condition Upon Receipt		Custody #					•	`	1		For Lab Use Only	Lab Phone: 908-789-8900	hammad Ahmed	nical Group LLC	-152322-0009

68HERH20D0011

SDG # YE8G3

SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group,	LLC	\cap			Page_1_of_	5	
Received By (Pr	rint Name) assau	ore	Kere			Log-in Date	e 1/16/20)25
Received By (Si								
Case Number	51955	SDG	No. YE8G3	3		MA No. 31	52.0	
		· · · · · · · · · · · · · · · · · · ·						
Remarks:						Correspondi	าต	
1. Custody Seal (s)	Present, Intact			Aqueous				Remarks: Condition
2. Custody Seal Nos.	<u>n/a</u>		EPA Sample #	Water Sample pH	Sam Tag	-	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present	1	YE8G3	N/A	388		Q1105-01	Intact
Custody Records		2	YE8G5	N/A	396		Q1105-02	Intact
4. Airbill	Dresent	3	YE8G6	N/A	400		Q1105-03	Intact
	Present	4	YE8G6D	N/A	400		Q1105-04	Intact
5. Airbill No. and	771434446883	5	YE8G6S	N/A	400		Q1105-05	Intact
Shipping Container ID No.	1	6	N/A	N/A	N/A		N/A	N/A
6. Shipping Container		7	N/A	N/A	N/A		N/A	N/A
Temperature	Present	8	N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9	N/A	N/A	N/A		N/A	N/A
7. Shipping Container	2.1 Degree C	10	N/A	N/A	N/A		N/A	N/A
Temperature		11	N/A	N/A	N/A		N/A	N/A
8. Sample Condition	Intact	12	N/A	N/A	N/A		N/A	N/A
Condition		13	N/A	N/A	N/A		N/A	N/A
		14	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A
10. Does information	Report	17	N/A	N/A	N/A		N/A	N/A
on Traffic	Yes	18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A
agree ?		21	N/A	N/A	N/A		N/A	N/A
 Date Received at Lab 	01/16/2025	22	N/A	N/A	N/A		N/A	N/A
		23	N/A	N/A	N/A		N/A	N/A
12.Time Received	09:32							

Reviewed By	(X	Logbook No.	N/A	
Date	1/20/45	Logbook Page No.	N/A	

SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group	, LLC	2	0			Page_2_of	5	
Received By (Pr	int Name Cassan	na	_	Kero			Log-in Date	e 1/16/20)25
Received By (Si		_	-						
Case Number	51955	SD	GN	lo. YE8G3			MA No. 31	152.0	
(1			2					
Remarks:							Correspondi	าอ	
1. Custody Seal (s)	Present, Intact				Aqueous	,			Remarks: Condition
2. Custody Seal Nos.	<u>n/a</u>			EPA Sample #	Water Sample pH		nple #	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present	1		YE8H0	N/A	416		Q1105-06	Intact
Custody Records		2		YE8H1	N/A	420		Q1105-07	Intact
4. Airbill	Durant	3		YE8H2	N/A	424		Q1105-08	Intact
	Present	4		YE8H3	N/A	428		Q1105-09	Intact
5. Airbill No. and	771434448680	5		N/A	N/A	N/A		N/A	N/A
Shipping Container ID No.	2	6		N/A	N/A	N/A		N/A	N/A
6. Shipping Container		7		N/A	N/A	N/A		N/A	N/A
Temperature	Present	8		N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9		N/A	N/A	N/A		N/A	N/A
7. Shipping Container	2.0 Degree C	10		N/A	N/A	N/A		N/A	N/A
Temperature		11	1	N/A	N/A	N/A		N/A	N/A
8. Sample	Intact	12	2 1	N/A	N/A	N/A		N/A	N/A
Condition		13	3	N/A	N/A	N/A		N/A	N/A
		14	<u>۱</u>	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	15	-	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	-	N/A		N/A		N/A	N/A
10. Does information	Report	17	-+	V/A		N/A		N/A	N/A
on Traffic	Yes	18	-+-	N/A		N/A			N/A
Reports/Chain of Custody Records		19	-	I/A		N/A		· · · · · · · · · · · · · · · · · · ·	N/A
and Sample Tags		20	-+-	1/A		N/A			N/A
agree ?		21	-+-	I/A		N/A		-	N/A
 Date Received at Lab 	01/16/2025	22	-	I/A		N/A			N/A
12.Time Received	09:32	23	14	I/A	N/A	N/A		N/A	N/A

Reviewed By	(VS	Logbook No.	N/A	
Date	1/20/25	Logbook Page No.	N/A	

SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group	, LLC	Ω			Page_3_of	S	
Received By (Pr	rint Name	0.50	here			Log-in Date	e 1/16/20	025
Received By (Si		-						
Case Number	51955	SDG	No. YE8G	3		MA No. 3	152.0	
	1							
Remarks:						Correspondi	na	
1. Custody Seal (s)	Present, Intact			Aqueous				Remarks: Condition
2. Custody Seal Nos.	<u>n/a</u>		EPA Sample #	Water Sample pH	Sam Tag	•	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present	1	YE8H4	N/A	432		Q1105-10	Intact
Custody Records		2	YE8H5	N/A	436		Q1105-11	Intact
4. Airbill	Duranaut	3	YE8H6	N/A	440		Q1105-12	Intact
T. Anom	Present	4	N/A	N/A	N/A		N/A	N/A
5. Airbill No. and	771434431891	5	N/A	N/A	N/A		N/A	N/A
Shipping Container ID No.	3	6	N/A	N/A	N/A		N/A	N/A
6. Shipping Container		7	N/A	N/A	N/A		N/A	N/A
Temperature	Present	8	N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9	N/A	N/A	N/A		N/A	N/A
7. Shipping Container	1.9 Degree C	10	N/A	N/A	N/A		N/A	N/A
Temperature		11	N/A	N/A	N/A		N/A	N/A
8. Sample Condition	Intact	12	N/A	N/A	N/A		N/A	N/A
Condition		13	N/A	N/A	N/A		N/A	N/A
		14	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A
	Report	17	N/A	N/A	N/A		N/A	N/A
10. Does information on Traffic	Yes	18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A
agree ?		21	N/A	N/A	N/A		N/A	N/A
11. Date Received at Lab	01/16/2025	22	N/A		N/A		N/A	N/A
		23	N/A	N/A	N/A		N/A	N/A
12.Time Received	09:32							

Reviewed By	CX.	Logbook No.	N/A
Date	1/20/21	Logbook Page No.	N/A

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC Page 4 of								
Received By (Pr	Received By (Print Name))25		
Received By (Si								
Case Number	51955	SDG	No. YE8G3	;		MA No. 31	52.0	
r	1	1						
Remarks:		-				Correspondir	ום	
1. Custody Seal (s)	Present, Intact			Aqueous				Remarks: Condition
2. Custody Seal Nos.	<u>n/a</u>		EPA Sample #	Water Sample pH	Sam Tag	•	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present	1	YE8E9	N/A	290		Q1105-13	Intact
Custody Records		2	YE8F0'	• N/A	297		Q1105-14	Intact
4. Airbill	Dressent	3	YE8F1	N/A	304		Q1105-15	Intact
	Present	4	YE8F2	N/A	311		Q1105-16	Intact
5. Airbill No. and	771488595553	5	YE8F3	N/A	318		Q1105-17	Intact
Shipping Container ID No.	4	6	YE8F4	N/A	325		Q1105-18	Intact
6. Shipping Container	Descent	7	YE8F6	N/A	339		Q1105-19	Intact
Temperature	Present	8	N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9	N/A	N/A	N/A		N/A	N/A
7. Shipping Container	2.5 Degree C	10	N/A	N/A	N/A		N/A	N/A
Temperature		11	N/A	N/A	N/A		N/A	N/A
8. Sample	Intact	12	N/A	N/A	N/A		N/A	N/A
Condition		13	N/A	N/A	N/A		N/A	N/A
		14	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A
10 5 1 6 1	Report	17	N/A	N/A	N/A		N/A	N/A
10. Does information on Traffic	Yes	18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A
agree ?		21	N/A	N/A	N/A		N/A	N/A
11. Date Received at Lab	01/18/2025	22	N/A		N/A		N/A	N/A
		23	N/A	N/A	N/A		N/A	N/A
12.Time Received	10:54							

Reviewed By	Œ,	r	Logbook No.	N/A	
Date	1/20/	4	Logbook Page No.	N/A	

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC Page 5 of 3								
Received By (Pr	int Name	novo	- Sere			Log-in Date	e 1/18/20)25
Received By (Si	gnature)							
Case Number	51955	SDG	No. YE8G	3		MA No. 31	152.0	
Remarks:						Correspondi	na	
1. Custody Seal (s)	Present, Intact			Aqueous				Remarks: Condition
2. Custody Seal Nos.	<u>n/a</u>		EPA Sample #	Water Sample pH	Sam Tag	•	Assigned	of Sample Shipment, etc.
3. Traffic Reports/Chain Of	Present		YE8G0	N/A	367		Q1105-20	Intact
Custody Records		2	YE8G1	N/A	374		Q1105-20 Q1105-21	Intact
4.4.1.11		3	YE8G2	N/A	381		Q1105-22	Intact
4. Airbill	Present	4	N/A	N/A	N/A		N/A	N/A
5. Airbill No. and	7714 88573310	5	N/A	N/A	N/A		N/A	N/A
Shipping Container ID No.	5	6	N/A	N/A	N/A		N/A	N/A
	<u> </u>	7	N/A	N/A	N/A		N/A	N/A
 Shipping Container Temperature 	Present	8	N/A	N/A	N/A		N/A	N/A
Indicator Bottle		9	N/A	N/A	N/A		N/A	N/A
7. Shipping Container	1.8 Degree C	10	N/A	N/A	N/A		N/A	N/A
Temperature		11	N/A	N/A	N/A		N/A	N/A
8. Sample	Intact	12	N/A	N/A	N/A		N/A	N/A
Condition		13	N/A	N/A	N/A		N/A	N/A
		14	N/A	N/A	N/A		N/A	N/A
9. Sample Tags Sample Tag	Absent	15	N/A	N/A	N/A		N/A	N/A
Numbers	Listed on Traffic	16	N/A	N/A	N/A		N/A	N/A
	Report	17	N/A	N/A	N/A		N/A	N/A
10. Does information on Traffic	Yes	18	N/A	N/A	N/A		N/A	N/A
Reports/Chain of Custody Records		19	N/A	N/A	N/A		N/A	N/A
and Sample Tags		20	N/A	N/A	N/A		N/A	N/A
agree ?		21	N/A	N/A	N/A		N/A	N/A
 Date Received at Lab 	01/18/2025	22	N/A		N/A		N/A	N/A
12.Time Received		23	N/A	N/A	N/A		N/A	N/A
12.1 line Received	10:54							

Reviewed By	G.	Logbook No.	N/A	
Date	1/28/25	Logbook Page No.	N/A	
	1 PO D			

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

LAB NAME	Alliance Tech	nical Group, LLC		
LAB CODE	ACE			
CONTRACT NO.	68HERH20D0011			
CASE NO.	51955	SDG NO.	YE8G3	
MA NO.	3152.0	SOW NO.	SFAM01.1	
MA NO.	3152.0	SOW NO.	SFAM01.1	

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	6	✓	
з.	Sample Log-In Sheet (DC-1)	7	11	✓	
4.	CSF Inventory Sheet (DC-2)	12	14	✓	
5.	SDG Narrative	15	21	✓	
6.	Communication Logs	NA	NA	✓	
7.	Percent Solids Log	22	24	√	
Ana	lysis Forms and Data (ICP-AES)				
8.	Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	25	44	✓	
9.	or sample analysis, laboratory QC as applicable Instrument raw data by instrument in analysis order	45	472	✓	
Oth	er Data				
10.	Standard and Reagent Preparation Logs	473	632		
11.	Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	633	634	✓	
12.	Original Analysis or Instrument Run forms or copies of Analysis or	635	647	~	
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	648	667	✓	
18.	or sample analysis, laboratory QC as applicable Instrument raw data by instrument in analysis order	668	1511	✓	
Oth	er Data				
19.	Standard and Reagent Preparation Logs	1512	1644	✓	
20.	Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1645	1648	✓	
21.	Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1649	1655	✓	
22.	Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

23. Extraction Logs for TCLP and SPLP PROM PO LAB RESIGN 24. Raw CPC Data NA NA NA NA NA 25. Raw Florisil Data NA NA NA NA NA 25. Raw Florisil Data NA NA NA NA NA 26. Sample Analysis Data Forms (IA-OR, IB-OR, and I-TN) for each sample or sample analysis, laboratory QC as applicable 1656 1675 ✓ 27. Instrument raw data by Instrument in analysis order 1678 1677 ✓		PAGE NOs:		CHECK	
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25. Raw Florisil Data NA NA V Analysis Forms and Data (Mercury) 26. Sample Analysis Laboratory QC as applicable 1656 1675 ✓ 27. Instrument raw data by instrument in analysis order 1676 1677 ✓ Other Data 28. Standard and Reagent Preparation Logs 1678 1702 ✓ 28. Standard and Reagent Preparation Logs 1678 1702 ✓ 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 1703 1704 ✓ 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 1705 1707 ✓ 31. Performance Evaluation (EE)/Proficiency Testing (PT) Sample Instrument Logbooks 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-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	23. Extraction Logs for TCLP and SPLP	NA	NA	✓	
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28. Standard and Reagent Preparation Logs 1678 1702 ✓ 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 1703 1704 ✓ 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 1705 1707 ✓ 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 ✓ Analysis Forms and Data (Cyanide) S Sample Analysis, Laboratory OC as applicable NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ ✓ 37. Standard and Reagent Preparation Logs Sa NA NA ✓ 38. 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 ✓ 31. Extraction Logs for TCLP and SPLP NA NA ✓ ✓ 41. Extraction		1676	1677	✓	
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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 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 31. Extraction Logs for TCLP and SPLP NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 31. 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	1705	1707		
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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	✓	
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				
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39. Original Analysis or Instrument Run forms or copies of Analysis or NA NA ✓ 1. Structions 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		<u> </u>
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:		CHECK	
			FROM	TO	LAB	REGION
Additional 44. EPA Shipp	ing/Receiving Documents					
Airbill (No. of Shipments <u>5</u>)		1708	1712	✓	
Sample Ta	gs		NA	NA	✓	
Sample Lo	g-In Sheet (Lab)		1713	1716	✓	
45. Misc. Shi	pping/Receiving Records(list all indivi	idual records)	NA	NA	_	
46. Internal (describe	Lab Sample Transfer Records and Trackir or list)	ng Sheets	1717	1722		
47. Other Rec (describe	ords and related Communication Logs or list)		NA	NA		
						·
48. Comments:						
Completed by: (CLP Lab)		Nimisha Pandya, Docum	ent Control	L Officer		
Audited by: (EPA)	(Signature)	(Print Name & Title)			(Dat	ce)
	(Signature)	(Print Name & Title)			(Dat	te)



SDG NARRATIVE

USEPA SDG # YE8G3 CASE # 51955 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # Q1105 MODIFIED ANALYSIS # 3152.0

A. Number of Samples and Date of Receipt

20 Soil samples were delivered to the laboratory intact on 01/16/2025, 01/18/2025

B. Parameters

Test requested for Metals CLP12= Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium & Mercury.

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

C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 2.1°C, 2.0°C, 1.9°C, 2.5°C, 1.8°C

D. 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.

E. Calculation:

Calculation for ICP-AES Soil Sample:

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



Concentration (mg/kg) = $C \times Vf = VF$ W x S

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 YE8G3 For Aluminum:

If C = 120.6874 ppm Vf = 100 ml W = 1.15 g S = 0.649(64.9/100) DF = 1 Concentration (mg/kg) = 120.6874 x = 100

Concentration (mg/kg) = 120.6874 x <u>100</u> x 1 1.15 x 0.649

= 16170.3490 mg/kg

= 16000 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) = $C \times Vf = Vf = VF / 1000$ W x S

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 YE8G3 For Arsenic :

If C = 70.89 ppb Vf = 500 ml W = 1.19 g S = 0.649(64.9/100)DF = 1

Concentration (mg/kg) = 70.89 x 500 x 1 / 1000 1.19 x 0.649

= 45.8947 mg/kg

= 46 mg/kg (Reported Result with Signification)

Calculation for Hg Soil Sample:

Conversion of Results from $\mu g / L$ or ppb to mg/kg :

Concentration (mg/kg) = $C \times Vf = Vf = VF / 1000$ W x S

Where,

C = Instrument response in µg/L from the calibration curve.
 Vf = Final prepared (absorbing solution) 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 YE8G6 :

If C = 0.1183 ppb
Vf = 100 mL
W = 0.57g
S = 0.768(76.8/100)
DF = 1
Concentration (mg/kg) =
$$0.1183 \text{ x} \frac{100}{0.57 \text{ x} 0.768} \text{ x} 1/1000$$

= 0.027023 mg/kg
= 0.027 mg/kg (Reported Result with Signification)



F. 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. Spike sample did meet requirements except for Manganese. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

As per scheduling, pH analysis is required for soil samples and the pH analysis data is provided with hardcopy.

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
Cobalt	45Sc
Copper	45Sc
Lead	209Bi
Manganese	45Sc
Molybdenum	89Y
Nickel	45Sc
Selenium	89Y
Silver	159Tb

Internal Standard Association for ICP-MS analysis.



Strontium	89Y
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

Date: 04/13/2022	MA: 3152.0	Title: ICP-MS Analysis Plus Molybdenum and Strontium			
Method Source: SFAM01.1	Method: ICP-MS				

Matrix: Aqueous/Water and Soil/Sediment

Summary of Modification

The purpose of this modified analysis is to analyze aqueous/water and soil/sediment samples by ICP-MS with the addition of the non-routine analytes Molybdenum (Mo) and Strontium (Sr). Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications

i. Analyte Mounications Not applicable											
Analyte	CAS Number	CRQL (µg/L)	CRQL (mg/kg)	Spike Added (µg/L)	Spike Added (mg/kg)						
Molybdenum (Mo)	7439-98-7	10.0	2.0	200	50						
Strontium (Sr)	7440-24-6	2.0	96.0	100	1000						

II. Calibration and QC Requirements

The Laboratory shall:

- Ensure Method Detection Limits have been determined for Molybdenum and Strontium in aqueous/water and soil/sediment matrices by the preparation methods used for the samples that meet all applicable SOW requirements.
- Perform the Initial Calibration with at least one non-blank standard at or below the modified CRQLs, converted to μg/L as necessary.
- Add Mo and Sr to the ICV and CCV at appropriate mid-range concentrations.
- Evaluate the ICB and CCB against the modified CRQLs converted to μ g/L as necessary.
- Evaluate the Preparation Blanks using the modified CRQLs.
- Perform the Matrix Spike at the levels specified above. Post-digestion spike requirements are per the SOW.
- Flag the Duplicates based on the modified CRQLs.
- Add Mo and Sr to the LCS at 2 times the appropriate modified CRQLs.
- Not add Sr to the ICS. Use a true value of 0 (zero) and acceptance windows of ±2x the aqueous CRQL, unless a non-zero concentration for Sr has been determined.
- If mass 97 is monitored for Mo, ensure that isobaric interference correction is applied if necessary for levels of Calcium found in samples.

III. Preparation and Method Modifications	Not applicable 🔀
IV. Special Reporting Requirements	

The Laboratory shall:

- Add Molybdenum and Strontium to Form 1.
- Report the "J" and "U" qualifiers in accordance with the requirements in Exhibit B, Section 3.4.3.2.4.2, using the modified CRQLs.
- Ensure that the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the corrective action taken. These problems may include

Not annliaght

Not applicable

problems encountered during analysis, dilutions, re-analyses or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analysis including a copy of the approved modification with the SDG Narrative.



PERCENT SOLID

Supervisor: Iwona Analyst: jignesh Date: 1/21/2025

OVENTEMP IN Celsius (°C): 107 Time IN: 13:25 In Date: 01/20/2025 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 OvenID: M OVEN#1 OVENTEMP OUT Celsius (°C): 103 Time OUT: 07:55 Out Date: 01/21/2025 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN

QC:LB134343

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
Q1105-01	YE8G3	1	1.15	8.45	9.6	6.63	64.9	
Q1105-02	YE8G5	2	1.19	8.47	9.66	9.22	94.8	
Q1105-03	YE8G6	3	1.14	8.68	9.82	7.81	76.8	
Q1105-04	YE8G6D	4	1.14	8.68	9.82	7.81	76.8	
Q1105-05	YE8G6S	5	1.14	8.68	9.82	7.81	76.8	
Q1105-06	ҮЕ8НО	6	1.16	8.63	9.79	8.75	87.9	
Q1105-07	YE8H1	7	1.18	8.72	9.9	7.81	76.0	
Q1105-08	YE8H2	8	1.15	8.43	9.58	6.41	62.4	
Q1105-09	ҮЕ8НЗ	9	1.15	8.81	9.96	8.44	82.7	
Q1105-10	ҮЕ8Н4	10	1.19	8.38	9.57	9.05	93.8	
Q1105-11	ҮЕ8Н5	11	1.19	8.61	9.8	8.36	83.3	
Q1105-12	ҮЕ8Н6	12	1.18	8.48	9.66	9.31	95.9	
Q1105-13	YE8E9	13	1.18	8.50	9.68	9.02	92.2	
Q1105-14	YE8F0	14	1.19	8.52	9.71	9.48	97.3	
Q1105-15	YE8F1	15	1.19	8.72	9.91	9.21	92.0	
Q1105-16	YE8F2	16	1.14	8.40	9.54	7.93	80.8	
Q1105-17	YE8F3	17	1.18	8.56	9.74	8.84	89.5	
Q1105-18	YE8F4	18	1.15	8.47	9.62	8.95	92.1	
Q1105-19	YE8F6	19	1.19	8.72	9.91	9.11	90.8	
Q1105-20	YE8G0	20	1.17	8.55	9.72	9.13	93.1	
Q1105-21	YE8G1	21	1.15	8.84	9.99	8.25	80.3	
Q1105-22	YE8G2	22	1.12	8.67	9.79	9.35	94.9	

* Solid - (C-A) * 100	
* SOIId = (B-A)	

Eheh	Date: 01-20-2025 11-08-25	nple Colle			01/13/2025 Chemtech -SO	1				01/13/2025 Chemtech 50		01/13/2025 Chemtech SO	1	1			- 1		01/15/2025 Chemtoch -50	1			1	1	01/15/2025 Chemtech -SO	13:30	A la	Huest .
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	Wet-Chemistry	Customer			USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	USEP01	Date/Time	Raw Sample Received by:	Raw Sample Relinquished by:
WORKLIST(Hardcopy Internal Chain)	Department :	Preservative		Cool A doc C	Chan + noo	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	Cool 4 deg C	could add C			Page 1 of 2
WORKLIST(H	ist ID: 187020	k Test		Percent Solids	Percent Solido	Percent Colida			Percent Solids	Percent Solids	L civeri Solids	Percent Solids		Percent Solids	Percett Solids	Parcent Collids	Percent Solids	Percent Solids	Percent Solids				Page					
	WorkList ID :	Matrix		Solid	Solid	Solid	Colia			Pilos		Solid	N IN	Dino				Diloc	piloo Piloo	Solid	Solid	Solid	Solid	Solid			Sh	
%1-q1105	ALL MARKED R. P. S.	Customer Sample	VEDOD	1E8G3	YE8G5	YE8G6	YE8G6D	YE8G6S	YE8H0	YE8H1	YE8H2	YE8H3	YE8H4	YE8H5	YE8H6	YE8E9	YE8F0	YE8F1	YE8F2	YE8F3	YE8F4	YE8F6	YE8G0	YE8G1	115 12130	d by: Ja (4.00 x	shed by:	
WorkList Name :		vampie	Q1105-01		Q1105-02	Q1105-03	Q1105-04	Q1105-05	Q1105-06	Q1105-07	Q1105-08	Q1105-09	Q1105-10	Q1105-11	Q1105-12	Q1105-13	Q1105-14	Q1105-15	Q1105-16	Q1105-17	Q1105-18	Q1105-19	Q1105-20	Q1105-21	Date/Time 01/20/25	Raw Sample Received by:	Raw Sample Relinquished by:	

chenel or WORKLIST(Hardcopy Internal Chain)

Date: 01-20-2025 11:08:25	Raw Sample Storage Collect Date Method Location	C11 01/15/2025 Chemtech -SO
Department : Wet-Chemistry	Customer	USEP01
Department :	Preservative	Cool 4 deg C
WorkList ID: 187020	Matrix Test	Solid Percent Solids
WorkList Name: %1-q1105	Customer Sample Q1105-22 VE&CO	

Date/Time 01 20 15 121.30 Raw Sample Received by: Raw Sample Relinquished by:

13 12 0 Raw Sample Relinquished by: Raw Sample Received by: Date/Time $\frac{\partial 1}{\partial \lambda} \partial \lambda$

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