

SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51821 MA No.: _____ SDG No.: MJNKK3
 SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	ICP-AES	Analysis Method		
			ICP-MS	Mercury	Cyanide
<u>MJNKK5</u>	<u>P5254-01</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKK5D</u>	<u>P5254-02</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKK5S</u>	<u>P5254-03</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKL7</u>	<u>P5254-04</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKP2</u>	<u>P5254-05</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKP3</u>	<u>P5254-06</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKP4</u>	<u>P5254-07</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKP5</u>	<u>P5254-08</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKX2</u>	<u>P5254-09</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNL82</u>	<u>P5254-10</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNL83</u>	<u>P5254-11</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNLG1</u>	<u>P5254-12</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKK3</u>	<u>P5254-13</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKK4</u>	<u>P5254-14</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKN6</u>	<u>P5254-15</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKN7</u>	<u>P5254-16</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKN8</u>	<u>P5254-17</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKQ9</u>	<u>P5254-18</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKT0</u>	<u>P5254-19</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKW1</u>	<u>P5254-20</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKW2</u>	<u>P5254-21</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>
<u>MJNKY3</u>	<u>P5254-22</u>	<u>_____</u>	<u>X</u>	<u>_____</u>	<u>_____</u>

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: _____

68HERH20D0011

SDG # MJNKK3

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

No: 10-121024-134731-0011

DateShipped: 12/10/2024

Lab: Alliance Technical Group LLC

CarrierName: FedEx

Case #: 51821

Lab Contact: Mohammad Ahmed

AirbillNo: 7706 5417 6396

Cooler #: 9

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
MJNKK5	MJNKK5	Sediment/ SB	Grab	ICP-MS(21)	1387 (< 6 C) (1)	OU6-CS-YB22-0.0-0.9	12/09/2024 12:00	0.1-0.2
MJNKL7	MJNKL7	Sediment/ SB	Grab	ICP-MS(21)	1399 (< 6 C) (1)	OU6-CS-YB23-0.0-0.6	12/09/2024 14:35	0.1-0.2
MJNKP2	MJNKP2	Sediment/ SB	Grab	ICP-MS(21)	1424 (< 6 C) (1)	OU6-CS-YB25-0.0-1.0	12/09/2024 12:45	0.1-0.2
MJNKP3	MJNKP3	Sediment/ SB	Grab	ICP-MS(21)	1425 (< 6 C) (1)	OU6-CS-YB25-1.0-2.0	12/09/2024 12:50	0.1-0.2
MJNKP4	MJNKP4	Sediment/ SB	Grab	ICP-MS(21)	1426 (< 6 C) (1)	OU6-CS-YB25-2.0-3.0	12/09/2024 12:55	0.1-0.2
MJNKP5	MJNKP5	Sediment/ SB	Grab	ICP-MS(21)	1427 (< 6 C) (1)	OU6-CS-YB25-3.0-3.7	12/09/2024 13:00	0.1-0.2
MJNKK2	MJNKK2	Sediment/ SB	Grab	ICP-MS(21)	1484 (< 6 C) (1)	OU6-CS-YB10-0.0-1.0	12/09/2024 11:10	0.1-0.2
MJNL82	MJNL82	Sediment/ SB	Grab	ICP-MS(21)	1594 (< 6 C) (1)	OU6-CS-YB20-0.0-1.0	12/06/2024 16:05	0.1-0.2
MJNL83	MJNL83	Sediment/ MM	Grab	ICP-MS(21)	1595 (< 6 C) (1)	OU6-CS-YB20-1.0-1.8	12/06/2024 16:10	0.1-0.2
MJNLG1	MJNLG1	Water/ HH/MM	Grab	ICP-MS(21)	1679 (HNO3 pH<2) (1)	OU6-NA-EB-001	12/09/2024 10:20	0.1-0.2
MJNLH5	MJNLH5	Sediment/ SB	Composite	TCLP-Metals(21)	1245 (< 6 C) (1)	OU6-CS-NA3-0.0-1.0	12/06/2024 12:35	0.1-0.2

Sample(s) to be used for Lab QC: MJNKK5 Tag 1387 - Special Instructions: TCLP (As, Ba, Cd, Cr,Pb,Se,Ag) PLUS TCLP Hg

05434861 0543487

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment, TCLP-Metals=CLP TCLP Metals (As, Ba, Cd, Cr,Pb,Se,Ag, Hg)-Sed

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	CH Jacobs	12/10/24 15:00	DR	12/10/24 9:40	IR. Gun 2.1
					Custody Seal Intact
					Temp Blank Present

68HERH20D0011

SDG # MJNKK3

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

No: 10-121024-144805-0013

Dateshipped: 12/10/2024

Case #: 51821

Lab: Alliance Technical Group LLC

Carrier/Name: FedEx

Airbill/No: 7706 5594 5660

Cooler #: 10

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
MJNKK3	MJNKK3	Sediment/ LV	Grab	ICP-MS(21)	1385 (< 6 C) (1)	OU6-CS-YB01A-0.0-1.0	12/05/2024 10:50	11
MJNKK4	MJNKK4	Sediment/ SB	Grab	ICP-MS(21)	1386 (< 6 C) (1)	OU6-CS-YB01A-1.0-1.9	12/05/2024 11:00	12
MJNKN6	MJNKN6	Sediment/ LV	Grab	ICP-MS(21)	1418 (< 6 C) (1)	OU6-CS-YB04-0.0-1.0	12/05/2024 16:35	13
MJNKN7	MJNKN7	Sediment/ LV	Grab	ICP-MS(21)	1419 (< 6 C) (1)	OU6-CS-YB04-0.0-1.0-FD	12/05/2024 16:35	14
MJNKN8	MJNKN8	Sediment/ LV	Grab	ICP-MS(21)	1420 (< 6 C) (1)	OU6-CS-YB04-1.0-1.2	12/05/2024 16:45	15
MJNKG9	MJNKG9	Sediment/ SB	Grab	ICP-MS(21)	1441 (< 6 C) (1)	OU6-CS-YB26-0.0-0.9	12/09/2024 15:15	16
MJNKT0	MJNKT0	Sediment/ LV	Grab	ICP-MS(21)	1462 (< 6 C) (1)	OU6-CS-YB08-0.0-0.5	12/04/2024 12:30	17
MJNKW1	MJNKW1	Sediment/ MM	Grab	ICP-MS(21)	1473 (< 6 C) (1)	OU6-CS-YB09-0.0-1.0	12/05/2024 14:15	18
MJNKW2	MJNKW2	Sediment/ MM	Grab	ICP-MS(21)	1474 (< 6 C) (1)	OU6-CS-YB09-1.0-1.3	12/05/2024 14:20	19
MJNKY3	MJNKY3	Sediment/ SB	Grab	ICP-MS(21)	1495 (< 6 C) (1)	OU6-CS-YB11-0.0-0.4	12/05/2024 12:00	20

Sample(s) to be used for Lab QC: MJNKN6 Tag 1418, MJNKG9 Tag 1441, MJNKW2 Tag 1474 - Special Instructions: TCLP (As, Ba, Cd, Cr, Pb, Se, Ag) PLUS
TCLP Hg

OS43483, OS43484

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	UT Jaed S	12/10/2024		12-11-24	2.0"
					Custody Seal Intact
					Tag Not Present

FORM DC-1
SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC	Page <u>1</u> of <u>2</u>
Received By (Print Name) <u>Cassandra Renia</u>	Log-in Date 12/11/2024
Received By (Signature) <u>[Signature]</u>	
Case Number 51821	SDG No. MJNKK34 MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	<u>0543486,0543487</u>
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	<u>770654176396</u> <u>1</u>
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	<u>2.1</u> Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	<u>12/11/2024</u>
12. Time Received	<u>09:40</u>

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	MJNKK5	N/A	1387	P5254-01	Intact
2	MJNKK5D	N/A	1387	P5254-02	Intact
3	MJNKK5S	N/A	1387	P5254-03	Intact
4	MJNKL7	N/A	1399	P5254-04	Intact
5	MJNKP2	N/A	1424	P5254-05	Intact
6	MJNKP3	N/A	1425	P5254-06	Intact
7	MJNKP4	N/A	1426	P5254-07	Intact
8	MJNKP5	N/A	1427	P5254-08	Intact
9	MJNKX2	N/A	1484	P5254-09	Intact
10	MJNL82	N/A	1594	P5254-10	Intact
11	MJNL83	N/A	1595	P5254-11	Intact
12	MJNLG1	1.0	1679	P5254-12	Intact
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By <u>[Signature]</u>	Logbook No. N/A
Date <u>12/11/24</u>	Logbook Page No. N/A

FORM DC-1
SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page <u>2</u> of <u>2</u>
Received By (Print Name) <u>Cassanova Eric</u>		Log-in Date 12/11/2024
Received By (Signature) <u>[Signature]</u>		
Case Number 51821	SDG No. MJNKK3	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	<u>0543483,0543484</u>
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	<u>770655945660</u> <u>2</u>
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	<u>2.0</u> Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	<u>12/11/2024</u>
12. Time Received	<u>09:40</u>

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	MJNKK3	N/A	1385	P5254-13	Intact
2	MJNKK4	N/A	1386	P5254-14	Intact
3	MJNKN6	N/A	1418	P5254-15	Intact
4	MJNKN7	N/A	1419	P5254-16	Intact
5	MJNKN8	N/A	1420	P5254-17	Intact
6	MJNKQ9	N/A	1441	P5254-18	Intact
7	MJNKT0	N/A	1462	P5254-19	Intact
8	MJNKW1	N/A	1473	P5254-20	Intact
9	MJNKW2	N/A	1474	P5254-21	Intact
10	MJNKK3	N/A	1495	P5254-22	Intact
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By <u>[Signature]</u>	Logbook No. N/A
Date <u>12/11/24</u>	Logbook Page No. N/A

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

LAB NAME	Alliance Technical Group, LLC		
LAB CODE	ACE		
CONTRACT NO.	68HERH20D0011		
CASE NO.	51821	SDG NO.	MJNKK3
MA NO.		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:		CHECK	
	FROM	TO	LAB	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	5	✓	
4. CSF Inventory Sheet (DC-2)	6	8	✓	
5. SDG Narrative	9	12	✓	
6. Communication Logs	13	22	✓	
7. Percent Solids Log	23	26	✓	
Analysis Forms and Data (ICP-AES)				
8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	NA	NA	✓	
9. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
10. Standard and Reagent Preparation Logs	NA	NA	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
13. 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	✓	
Analysis Forms and Data (ICP-MS)				
17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	27	46	✓	
18. Instrument raw data by instrument in analysis order	47	1834	✓	
Other Data				
19. Standard and Reagent Preparation Logs	1835	1976	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1977	1980	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1981	2000	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

	PAGE NOS:		CHECK	
	FROM	TO	LAB	REGION
23 . Extraction Logs for TCLP and SPLP	NA	NA	✓	
24 . Raw GPC Data	NA	NA	✓	
25 . Raw Florisil Data	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	✓	

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	✓	

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	✓	
43 . Raw Florisil Data	NA	NA	✓	

Additional

44. EPA Shipping/Receiving Documents

Airbill (No. of Shipments 2)

Sample Tags

Sample Log-In Sheet (Lab)

45. Misc. Shipping/Receiving Records (list all individual records)

46. Internal Lab Sample Transfer Records and Tracking Sheets
(describe or list)

47. Other Records and related Communication Logs
(describe or list)

48. Comments:

Completed by:
(CLP Lab)

(Signature)

Nimisha Pandya, Document Control Officer

(Print Name & Title)

(Date)

Audited by:
(EPA)

(Signature)

(Print Name & Title)

(Date)

PAGE NOs:		CHECK	
FROM	TO	LAB	REGION
2001	2002	✓	
NA	NA	✓	
2003	2004	✓	
NA	NA	✓	
2005	2006	✓	
NA	NA	✓	



**284 Sheffield Street
Mountainside, NJ 07092**

SDG NARRATIVE

USEPA

SDG # MJNKK3

CASE # 51821

CONTRACT # 68HERH20D0011

SOW# SFAM01.1

LAB NAME: Alliance Technical Group, LLC

LAB CODE: ACE

LAB ORDER ID # P5254

A. Number of Samples and Date of Receipt

19 Soil & 01 Water samples was delivered to the laboratory intact on 12/11/2024.

B. Parameters

Test requested for Metals CLP4 MS = Arsenic, Copper, Lead, Zinc.

Test requested for Metals CLP MS-CLP4 = Arsenic, Copper, Lead, Zinc.

C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 2.1°C, 2.0°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.

Issue 2: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 and not use the remaining designated samples for QC. Please advise on how the laboratory may proceed.

Issue 3: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.



**284 Sheffield Street
Mountainside, NJ 07092**

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.

Resolution 2: Per Region 10, it is acceptable for the laboratory to proceed with performing laboratory QC on samples MJNKK5, MJNL72, and MJNL92 and the scheduled analyses on the remaining samples. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Resolution 3: Per Region 10, the containers for samples MJNKK3 and MJNKK4 were inadvertently mislabeled. Please change CLP sample number MJNKK6 to MJNKK3 on the sample label and analyze as indicated for MJNKK3 on the COC. Please change CLP sample number MJNKK8 to MJNKK4 on the sample label and analyze as indicated for MJNKK4 on the COC. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

F. Analytical Techniques:

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

G. Calculation:

Calculation for ICP-MS Soil Sample:

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

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

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 MJNKK5 For Arsenic:

If C = 452.67 ppb

Vf = 500 ml

W = 1.19 g

S = 0.508(50.8/100)

DF = 1

$$\text{Concentration (mg/kg)} = 452.67 \times \frac{500}{1.19 \times 0.508} \times 1 / 1000$$



**284 Sheffield Street
Mountainside, NJ 07092**

$$= 374.40 \text{ mg/kg}$$

$$= 370 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for ICP-MS Water Sample:

$$\text{Concentration or Result } (\mu\text{g/L}) = \frac{C \times V_f}{V_i} \times \text{DF}$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)

Vf = Final digestion volume (mL)

Vi = Initial aliquot amount (mL) (Sample amount taken in prep)

DF = Dilution Factor

Example Calculation:

If C = 368 ppb

Vf = 50 ml

Vi = 50 ml

DF = 1

$$\text{Concentration or Result } (\mu\text{g/L}) = 368 \times \frac{50}{50} \times 1$$

$$= 368 \mu\text{g/L}$$

$$= 370 \mu\text{g/L (Reported Result with Signification)}$$

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. Spike sample did meet requirements. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

Some samples have % solids results less than 50% but more than 30%. Please see below table for detail. Laboratory has processed these samples according to the SFAM01.1 SOW, Exhibit D, sections 10.1.1.8.

EPA Sample ID	% Solid
MJNKP2	34.9
MJNKP3	35
MJNKP4	33.1
MJNKP5	40.5
MJNKQ9	36.9



**284 Sheffield Street
Mountainside, NJ 07092**

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.

Internal Standard Association for ICP-MS analysis.

Target Analyte	Associated Internal Standard
Arsenic	89Y
Copper	45Sc
Lead	209Bi
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

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Friday, December 13, 2024 4:43 PM
To: Mohammad Ahmed; Deepak Parmar; Sohil Jodhani
Cc: Johnson, Matthew; Bauer, Heather E; Dunn, Meghan (she/her/hers; Reece, Caitlin
Subject: Region 10 | Case 51821 | Lab ACE | Issue Documentation | FINAL
Attachments: SKM_95824121110240.pdf

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Updated Record of Communication

This Record of Communication is being updated to include resolutions to issues 2 and 3.

Good afternoon,

Please see the below resolutions from Region 10.

Inappropriate/insufficient designation of laboratory QC

Issue 1: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 and not use the remaining designated samples for QC. Please advise on how the laboratory may proceed.

Resolution 1: Per Region 10, it is acceptable for the laboratory to proceed with performing laboratory QC on samples MJNKK5, MJNL72, and MJNL92 and the scheduled analyses on the remaining samples. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Samples/analyses listed on COC but not received at laboratory

Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

Resolution 2: Per Region 10, the containers for samples MJNKK3 and MJNKK4 were inadvertently mislabeled. Please change CLP sample number MJNKK6 to MJNKK3 on the sample label and analyze as indicated for MJNKK3 on the COC. Please change CLP sample number MJNKK8 to MJNKK4 on the sample label and analyze as indicated for MJNKK4 on the COC. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Samples/analyses received at laboratory but not listed on COC

Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Resolution 3: Per Region 10, these containers were inadvertently mislabeled. Please change CLP sample number MJNKK6 to MJNKK3 on the sample label and analyze as indicated for MJNKK3 on the COC. Please change CLP sample number MJNKK8 to MJNKK4 on the sample label and analyze as indicated for MJNKK4 on the COC. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com



Leave Alert: December 24, 2024

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Friday, December 13, 2024 4:19 PM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

Hi Casey,

Here is the response from the sampler copied below. The lab can proceed with the analysis and please hand correct the labels.

So the two Jars received (MJNKK6 and MNJJK8) are miss labeled and should be changed to the following:

- MJNKK6 change to MJNKK3
- MJNKK8 change to MJNKK4

This also corrects the two missing sample IDs. Pass my apologies on to the lab and thank them for the quick response for the photos.

Thank you!



Meghan Dunn
QA Chemist / RSCC
(Regional Sample Control Coordinator)
U.S. EPA, Region 10
Cell (206) 330-6743

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>

Sent: Friday, December 13, 2024 11:36 AM

To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>

Subject: Region 10 | Case 51821 | Lab ACE | Issue Documentation

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Hi Meghan,

Please see the attached photos of samples MJNKK6 and MJNKK8. I have included the open issues below for your reference!

Samples/analyses listed on COC but not received at laboratory

Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

Samples/analyses received at laboratory but not listed on COC

Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
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GENERAL DYNAMICS
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Leave Alert: December 24, 2024

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>

Sent: Friday, December 13, 2024 2:30 PM

To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>

Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

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Please use caution with links, attachments, and any requests for credentials.

Good afternoon,

Please see attachment for your reference.

Thanks & Regards,



Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com    

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>

Sent: Friday, December 13, 2024 1:34 PM

To: Mohammad Ahmed <Mohammad.Ahmed@AllianceTG.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>;
Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>

Subject: Region 10 | Case 51821 | Lab ACE | Issue Documentation

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Secured by Check Point

Good afternoon,

The Region is requesting supplemental information for issue 3, would the laboratory please provide photos of the top of the sample jars and the sample labels for MJNKK6 and MJNKK8?

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

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casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
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Leave Alert: December 24, 2024

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Friday, December 13, 2024 1:31 PM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

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Please use caution with links, attachments, and any requests for credentials.

Hi Casey,

The project team is uncertain what the samples are: can the lab please provide photos of both the top of jar and the sample labels on MJNKK6 and MJNKK8?

Thank you,
Meghan

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Friday, December 13, 2024 7:22 AM
To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: Region 10 | Case 51821 | Lab ACE | Issue Documentation

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Good morning,

I would like to follow up regarding issues 2 and 3 below.

Samples/analyses listed on COC but not received at laboratory

Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

Samples/analyses received at laboratory but not listed on COC

Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Thank you,

[Casey Shaeffer](#)

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10

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casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com



Leave Alert: December 24, 2024

From: Shaeffer, Casey
Sent: Thursday, December 12, 2024 1:38 PM
To: mohammad.ahmed@alliancetg.com; deepak.parmar@alliancetg.com; Sohil Jodhani
<Sohil.Jodhani@AllianceTG.com>
Cc: Johnson, Matthew <Matthew.Johnson32@gdit.com>; Bauer, Heather E <Heather.Bauer@gdit.com>; Dunn, Meghan
(she/her/hers <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: Region 10 | Case 51821 | Lab ACE | Issue Documentation | FINAL

Good afternoon,

Please see the below Resolution 1 from Region 10. Please note that resolutions for the remaining issues will be provided once available.

Inappropriate/insufficient designation of laboratory QC

Issue 1: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 and not use the remaining designated samples for QC. Please advise on how the laboratory may proceed. Resolution 1: Per Region 10, it is acceptable for the laboratory to proceed with performing laboratory QC on samples MJNKK5, MJNL72, and MJNL92 and the scheduled analyses on the remaining samples. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Samples/analyses listed on COC but not received at laboratory

Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

Samples/analyses received at laboratory but not listed on COC

Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
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Chantilly, VA 20151
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Leave Alert: December 24, 2024

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Thursday, December 12, 2024 1:08 PM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

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Hi Casey,

Apologies for the delay:

Issue 1: It is acceptable proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 for laboratory QC and scheduled analyses on the remaining samples as preferred by the lab.

The sampling team is figuring out Issues 2 & 3. There is a suspected mis-labeling.

Thank you,
Meghan



Meghan Dunn
QA Chemist / RSCC
(Regional Sample Control Coordinator)
U.S. EPA, Region 10
Cell (206) 330-6743
Office (206) 553-8561

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Wednesday, December 11, 2024 8:32 AM
To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: Region 10 | Case 51821 | Lab ACE | Issue Documentation

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good morning,

Please see the below issues from ACE.

Inappropriate/insufficient designation of laboratory QC

Issue 1: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 for laboratory QC and scheduled analyses on the remaining samples. Please advise on how the laboratory may proceed.

Samples/analyses listed on COC but not received at laboratory

Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

Samples/analyses received at laboratory but not listed on COC

Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

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casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com



Leave Alert: December 24, 2024

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>

Sent: Wednesday, December 11, 2024 11:21 AM

To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>

Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>

Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

This Message Is From an External Sender


Please use caution with links, attachments, and any requests for credentials.

Good morning,

Please see Attached other COC for sample MJNKK5.

Thanks & Regards,



Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com    

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Wednesday, December 11, 2024 11:15 AM
To: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

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Good morning, Deepak,

Would the laboratory please confirm the CLP sample numbers that they'd like to use for laboratory QC? The below email lists sample MJNKK5, but this sample is not listed on the attached COC.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

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casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

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Leave Alert: December 24, 2024

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>

Sent: Wednesday, December 11, 2024 10:58 AM

To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>

Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>

Subject: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

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Good morning,

Issue 1: Lab received six samples mentioned COC for lab QC however lab need only one QC sample per SDG. Lab will use samples MJNKK5, MJNL72 and MJNL92 for Lab QC. Lab will use other QC samples as regular analysis .

Issue 2: sample MJNKK3 and MJNKK4 mentioned on COC but not received with shipment. Sample MJNKK6 and MJNKK8 received but not mentioned on COC. there for lab would like to confirm they should proceed with analysis ?

Please see attachment for your reference.

Thanks & Regards,



Deepak Parmar

QA/QC

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3154

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com





PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/16/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 14:10
In Date: 12/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 12/14/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133943

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
P5254-01	MJNKK5	1	1.16	8.50	9.66	5.48	50.8	
P5254-02	MJNKK5D	2	1.16	8.50	9.66	5.48	50.8	
P5254-03	MJNKK5S	3	1.16	8.50	9.66	5.48	50.8	
P5254-04	MJNKL7	4	1.18	8.79	9.97	6.09	55.9	
P5254-05	MJNKP2	5	1.16	8.59	9.75	4.16	34.9	
P5254-06	MJNKP3	6	1.15	8.80	9.95	4.23	35.0	
P5254-07	MJNKP4	7	1.16	8.76	9.92	4.06	33.1	
P5254-08	MJNKP5	8	1.15	8.79	9.94	4.71	40.5	
P5254-09	MJNXX2	9	1.12	8.42	9.54	6.79	67.3	
P5254-10	MJNL82	10	1.16	8.83	9.99	6.73	63.1	
P5254-11	MJNL83	11	1.15	8.66	9.81	8.22	81.6	
P5254-13	MJNKK3	12	1.18	8.79	9.97	6.51	60.6	
P5254-14	MJNKK4	13	1.15	8.81	9.96	8.38	82.1	
P5254-15	MJNKN6	14	1.19	8.66	9.85	5.58	50.7	
P5254-16	MJNKN7	15	1.15	8.82	9.97	5.84	53.2	
P5254-17	MJNKN8	16	1.18	8.79	9.97	6.59	61.5	
P5254-18	MJNKKQ9	17	1.11	8.75	9.86	4.34	36.9	
P5254-19	MJNKT0	18	1.15	8.81	9.96	7.05	67.0	
P5254-20	MJNKW1	19	1.15	8.83	9.98	6.76	63.5	
P5254-21	MJNKW2	20	1.14	8.83	9.97	8.04	78.1	
P5254-22	MJNKY3	21	1.13	8.65	9.78	6.62	63.5	
P5255-01	MJNL27	22	1.15	8.82	9.97	8.8	86.7	
P5255-02	MJNL72	23	1.14	8.69	9.83	7.85	77.2	
P5255-03	MJNL72D	24	1.14	8.69	9.83	7.85	77.2	
P5255-04	MJNL72S	25	1.14	8.69	9.83	7.85	77.2	
P5255-05	MJNL93	26	1.16	8.64	9.8	5.07	45.3	
P5255-06	MJNL94	27	1.19	8.43	9.62	7.09	70.0	
P5256-01	MJNL92	28	1.17	8.54	9.71	5.07	45.7	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/16/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 14:10
In Date: 12/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 12/14/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133943

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
P5256-02	MJNL92D	29	1.17	8.54	9.71	5.07	45.7	
P5256-03	MJNL92S	30	1.17	8.54	9.71	5.07	45.7	

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

WORKLIST(Hardcopy Internal Chain)

133943

WorkList Name : %1-p5254

WorkList ID : 186330

Department : Wet-Chemistry

Date : 12-13-2024 13:01:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5254-01	MJNKK5	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-02	MJNKK5D	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-03	MJNKK5S	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-04	MJNKL7	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-05	MJNKP2	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-06	MJNKP3	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-07	MJNKP4	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-08	MJNKP5	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-09	MJNXX2	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-10	MJNL82	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-11	MJNL83	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/06/2024	Chemtech -SO
P5254-13	MJNKK3	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/06/2024	Chemtech -SO
P5254-14	MJNKK4	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-15	MJNKN6	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-16	MJNKN7	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-17	MJNKN8	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-18	MJNKK9	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-19	MJNKT0	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-20	MJNKW1	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/04/2024	Chemtech -SO
P5254-21	MJNKW2	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-22	MJNKY3	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO

Date/Time 12-13-24 13:10

Raw Sample Received by: JH WCC

Raw Sample Relinquished by: JH WCC

Date/Time

12-13-24 13:15

Raw Sample Received by:

JH WCC

Raw Sample Relinquished by:

JH WCC

WORKLIST(Hardcopy Internal Chain)

133943

WorkList Name : %1-p5254 WorkList ID : 186330 Department : Wet-Chemistry Date : 12-13-2024 13:01:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5255-01	MJNL27	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/05/2024	Chemtech -SO
P5255-02	MJNL72	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5255-03	MJNL72D	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5255-04	MJNL72S	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5255-05	MJNL93	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5255-06	MJNL94	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5256-01	MJNL92	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	12/03/2024	Chemtech -SO
P5256-02	MJNL92D	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	12/03/2024	Chemtech -SO
P5256-03	MJNL92S	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	12/03/2024	Chemtech -SO

Date/Time 12-13-24 13:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 12-13-24 14:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]