

SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHJW4
 SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	ICP-AES	Analysis Method		
			ICP-MS	Mercury	Cyanide
<u>MBHJW4</u>	<u>P5014-01</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJW5</u>	<u>P5014-02</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJW6</u>	<u>P5014-03</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJW7</u>	<u>P5014-04</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJW8</u>	<u>P5014-05</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHK11</u>	<u>P5014-06</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJX2</u>	<u>P5014-07</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJX6</u>	<u>P5014-08</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJX7</u>	<u>P5014-09</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJX8</u>	<u>P5014-10</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJX9</u>	<u>P5014-11</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY0</u>	<u>P5014-12</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY0D</u>	<u>P5014-13</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY0S</u>	<u>P5014-14</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY1</u>	<u>P5014-15</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY2</u>	<u>P5014-16</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY3</u>	<u>P5014-17</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY4</u>	<u>P5014-18</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY5</u>	<u>P5014-19</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHJY6</u>	<u>P5014-20</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHK01</u>	<u>P5014-21</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
<u>MBHK02</u>	<u>P5014-22</u>	<u>X</u>	<u> </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: _____

CHAIN OF CUSTODY RECORD

No: 2-112524-160541-0024

Cooler #: 5

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
P168-SB-12-Z00-02	MBHJT9	Soil/		ICP-AES(35)	3970 (Wet ice < 6 C) (1)	P168-SB-12	11/19/2024 14:10	
P168-SB-12-Z02-06	MBHJW0	Soil/		ICP-AES(35)	3971 (Wet ice < 6 C) (1)	P168-SB-12	11/19/2024 14:10	
P168-SB-12-Z06-12	MBHJW1	Soil/		ICP-AES(35)	3972 (Wet ice < 6 C) (1)	P168-SB-12	11/19/2024 14:10	
P168-SB-12-Z12-18	MBHJW2	Soil/		ICP-AES(35)	3973 (Wet ice < 6 C) (1)	P168-SB-12	11/19/2024 14:10	
P168-SB-12-Z18-24	MBHJW3	Soil/		ICP-AES(35)	3974 (Wet ice < 6 C) (1)	P168-SB-12	11/19/2024 14:10	
P168-SB-12-Z24-30	MBHJW4	Soil/		ICP-AES(35)	3975 (Wet ice < 6 C) (1)	P168-SB-12	11/19/2024 14:10	OK ①
P168-SB-12-Z30-36	MBHJW5	Soil/		ICP-AES(35)	3976 (Wet ice < 6 C) (1)	P168-SB-12	11/19/2024 14:10	2
P174-SB-13-Z00-02	MBHJW6	Soil/		ICP-AES(35)	4615 (Wet ice < 6 C) (1)	P174-SB-13	11/20/2024 10:05	3
P174-SB-13-Z02-06	MBHJW7	Soil/		ICP-AES(35)	4616 (Wet ice < 6 C) (1)	P174-SB-13	11/20/2024 10:05	in
P174-SB-13-Z06-12	MBHJW8	Soil/		ICP-AES(35)	4617 (Wet ice < 6 C) (1)	P174-SB-13	11/20/2024 10:05	5

Sample(s) to be used for Lab QC: P168-SB-12-Z24-30 T ag 3975 - Special Instructions: Samples MBHJZ7 and MBHJV4 are MS/MSDs. Sample MBHJX0 has limited sample mass.

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

Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
1 cooler	<i>[Signature]</i> WSP	11/25/2024 17:40			
			<i>[Signature]</i> R. McElenders	10:21 11:26:24	I.R. Area #1 2.5
			<i>[Signature]</i> 11/25/24		Temp BLANK presc custody seal intact

CHAIN OF CUSTODY RECORD

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
P174-SB-14-Z00-02-FD	MBHK11	Soil		ICP-AES(35)	5488 (Wet ice < 6 C) (1)	P174-SB-14	11/20/2024 10:10	6

Special Instructions: Samples MBHJZ7 and MBHJW4 are MS/MSDs. Sample MBHJX0 has limited sample mass.

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #	Quantity	Remarks

Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
1 cooler	<i>[Signature]</i> WSP	11/25/2024 17:40	R. Melendez	10:21 11.26.24	IR gun #1 2 5 ⁰⁰
	<i>[Signature]</i> N/A		<i>[Signature]</i> 11/25/24		Temp BLANK presnost
					custody seal intact

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

Date Shipped: 11/25/2024

No: 2-112524-162400-0025

Carrier Name: FedEx

Case #: 51879

Lab: Alliance Technical Group LLC

Airbill No: 7702 2471 3751

Cooler #: 6

Lab Contact: 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
P174-SB-03-Z00-02	MBHJX2	Soil/		ICP-AES(35)	4625 (Wet Ice < 6 C) (1)	P174-SB-03	11/20/2024 11:05	7
P174-SB-03-Z02-06	MBHJX6	Soil/		ICP-AES(35)	4626 (Wet Ice < 6 C) (1)	P174-SB-03	11/20/2024 11:05	9
P174-SB-03-Z06-12	MBHJX7	Soil/		ICP-AES(35)	4627 (Wet Ice < 6 C) (1)	P174-SB-03	11/20/2024 11:05	9
P174-SB-03-Z12-18	MBHJX8	Soil/		ICP-AES(35)	4628 (Wet Ice < 6 C) (1)	P174-SB-03	11/20/2024 11:05	10
P174-SB-03-Z18-24	MBHJX9	Soil/		ICP-AES(35)	4629 (Wet Ice < 6 C) (1)	P174-SB-03	11/20/2024 11:05	11
P174-SB-10-Z00-02	MBHJY0	Soil/		ICP-AES(35)	4604 (Wet Ice < 6 C) (1)	P174-SB-10	11/20/2024 10:20	12
P174-SB-10-Z02-06	MBHJY1	Soil/		ICP-AES(35)	4605 (Wet Ice < 6 C) (1)	P174-SB-10	11/20/2024 10:20	13
P174-SB-10-Z06-12	MBHJY2	Soil/		ICP-AES(35)	4606 (Wet Ice < 6 C) (1)	P174-SB-10	11/20/2024 10:20	14
P174-SB-10-Z12-18	MBHJY3	Soil/		ICP-AES(35)	4607 (Wet Ice < 6 C) (1)	P174-SB-10	11/20/2024 10:20	15
P174-SB-10-Z18-24	MBHJY4	Soil/		ICP-AES(35)	4608 (Wet Ice < 6 C) (1)	P174-SB-10	11/20/2024 10:20	16

Sample(s) to be used for Lab QC: P174-SB-10-Z00-02 Tag 4604 - Special Instructions: Sample MBHJY0 is a MS/MSD.

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
1 Cooler	<i>[Signature]</i> L09SP	11/25/24 17:21	<i>[Signature]</i> <i>OR</i>	11/26/24 10:21	IF Case 1 2.8
	<i>[Signature]</i> N/A		<i>[Signature]</i>		Custody Seal Intact
		11/25/24			Top Black pres.

CHAIN OF CUSTODY RECORD

No: 2-112524-162400-0025

Lab Phone: 908-789-8900

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

Analysis Key: ICP-AES=CLP Routine - SFAM01.1/L/SASD SOP C-109 Metals

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>Cezgennar Reese</u>		Log-in Date 11/26/2024
Received By (Signature) <u>[Signature]</u>		
Case Number 51879	SDG No. MBHJW4	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	<u>n/a</u>
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	<u>770224712424</u> <u>1</u>
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	<u>2.5</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>11/26/2024</u>
12. Time Received	<u>10:21</u>

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	MBHJW4	N/A	3975	P5014-01	Intact
2	MBHJW5	N/A	3976	P5014-02	Intact
3	MBHJW6	N/A	4615	P5014-03	Intact
4	MBHJW7	N/A	4616	P5014-04	Intact
5	MBHJW8	N/A	4617	P5014-05	Intact
6	MBHK11	N/A	5488	P5014-06	Intact
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
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>11/26/24</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 Line</u>		Log-in Date 11/26/2024
Received By (Signature) <u>[Signature]</u>		
Case Number 51879	SDG No. MBHJW4	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	<u>n/a</u>
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	<u>770224713751</u> <u>2</u>
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	<u>2.8</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>11/26/2024</u>
12. Time Received	<u>10:21</u>

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	MBHJX2	N/A	4625	P5014-07	Intact
2	MBHJX6	N/A	4626	P5014-08	Intact
3	MBHJX7	N/A	4627	P5014-09	Intact
4	MBHJX8	N/A	4628	P5014-10	Intact
5	MBHJX9	N/A	4629	P5014-11	Intact
6	MBHJY0	N/A	4604	P5014-12	Intact
7	MBHJY0D	N/A	4604	P5014-13	Intact
8	MBHJY0S	N/A	4604	P5014-14	Intact
9	MBHJY1	N/A	4605	P5014-15	Intact
10	MBHJY2	N/A	4606	P5014-16	Intact
11	MBHJY3	N/A	4607	P5014-17	Intact
12	MBHJY4	N/A	4608	P5014-18	Intact
13	MBHJY5	N/A	4609	P5014-19	Intact
14	MBHJY6	N/A	4650	P5014-20	Intact
15	MBHK01	N/A	4580	P5014-21	Intact
16	MBHK02	N/A	4581	P5014-22	Intact
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>11/26/24</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.	51879	SDG NO.	MBHJW4
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	5	✓	
3. Sample Log-In Sheet (DC-1)	6	7	✓	
4. CSF Inventory Sheet (DC-2)	8	10	✓	
5. SDG Narrative	11	13	✓	
6. Communication Logs	NA	NA	✓	
7. Percent Solids Log	14	16	✓	

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	17	36	✓	
9. Instrument raw data by instrument in analysis order	37	552	✓	

Other Data

10. Standard and Reagent Preparation Logs	553	730	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	731	732	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	733	746	✓	
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	NA	NA	✓	
18. Instrument raw data by instrument in analysis order	NA	NA	✓	

Other Data

19. Standard and Reagent Preparation Logs	NA	NA	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
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
747	748	✓	
NA	NA	✓	
749	750	✓	
NA	NA	✓	
751	752	✓	
NA	NA	✓	



**284 Sheffield Street
Mountainside, NJ 07092**

SDG NARRATIVE

USEPA

SDG # MBHJW4

CASE # 51879

CONTRACT # 68HERH20D0011

SOW# SFAM01.1

LAB NAME: Alliance Technical Group, LLC

LAB CODE: ACE

LAB ORDER ID # P5014

A. Number of Samples and Date of Receipt

20 Soil Samples were delivered to the laboratory intact on 11/26/2024.

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.

C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 2.5°C, 2.8°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.



**284 Sheffield Street
Mountainside, NJ 07092**

G. Calculation:

Calculation for ICP-AES Soil Sample:

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

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

Where,

C = Instrument value in ppm (The average of all replicate exposures)

V_f = 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 MBHJW4 For Arsenic:

If C = 0.0817466 ppm

V_f = 100 ml

W = 1.37 g

S = 0.801(80.1/100)

DF = 1

$$\begin{aligned} \text{Concentration (mg/kg)} &= 0.0817466 \times \frac{100}{1.37 \times 0.801} \times 1 \\ &= 7.4493 \text{ mg/kg} \\ &= 7.5 \text{ mg/kg (Reported Result with Signification)} \end{aligned}$$

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 except for Arsenic, Selenium. Duplicate sample did meet requirements. Serial Dilution did meet requirements.



**284 Sheffield Street
Mountainside, NJ 07092**

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



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/2/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 14:50
In Date: 11/27/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:05
Out Date: 11/28/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB133662

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
P5014-01	MBHJW4	1	1.15	8.81	9.96	8.21	80.1	
P5014-02	MBHJW5	2	1.17	8.60	9.77	6.79	65.3	
P5014-03	MBHJW6	3	1.18	8.42	9.6	8.37	85.4	
P5014-04	MBHJW7	4	1.14	8.59	9.73	8.73	88.4	
P5014-05	MBHJW8	5	1.15	8.40	9.55	8.78	90.8	
P5014-06	MBHK11	6	1.12	8.61	9.73	9.17	93.5	
P5014-07	MBHJX2	7	1.15	8.61	9.76	7.84	77.7	
P5014-08	MBHJX6	8	1.11	8.67	9.78	8.18	81.5	
P5014-09	MBHJX7	9	1.15	8.54	9.69	8.23	82.9	
P5014-10	MBHJX8	10	1.18	8.69	9.87	8.41	83.2	
P5014-11	MBHJX9	11	1.16	8.63	9.79	8.67	87.0	
P5014-12	MBHJY0	12	1.15	8.72	9.87	7.39	71.6	
P5014-13	MBHJY0D	13	1.15	8.72	9.87	7.39	71.6	
P5014-14	MBHJY0S	14	1.15	8.72	9.87	7.39	71.6	
P5014-15	MBHJY1	15	1.19	8.62	9.81	7.71	75.6	
P5014-16	MBHJY2	16	1.15	8.66	9.81	8.21	81.5	
P5014-17	MBHJY3	17	1.18	8.44	9.62	8.36	85.1	
P5014-18	MBHJY4	18	1.19	8.52	9.71	8.88	90.3	
P5014-19	MBHJY5	19	1.15	8.80	9.95	9.29	92.5	
P5014-20	MBHJY6	20	1.16	8.72	9.88	9.22	92.4	
P5014-21	MBHK01	21	1.19	8.42	9.61	8.11	82.2	
P5014-22	MBHK02	22	1.19	8.51	9.7	8.52	86.1	

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-p5014

WorkList ID : 185856

Department : Wet-Chemistry

Date : 11-27-2024 14:12:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5014-01	MBHJW4	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/19/2024	Chemtech -SO
P5014-02	MBHJW5	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/19/2024	Chemtech -SO
P5014-03	MBHJW6	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-04	MBHJW7	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-05	MBHJW8	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-06	MBHK11	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-07	MBHJX2	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-08	MBHJX6	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-09	MBHJX7	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-10	MBHJX8	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-11	MBHJX9	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-12	MBHJY0	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-13	MBHJY0D	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-14	MBHJY0S	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-15	MBHJY1	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-16	MBHJY2	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-17	MBHJY3	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-18	MBHJY4	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-19	MBHJY5	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-20	MBHJY6	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO
P5014-21	MBHK01	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO

Date/Time

11/27/24 14:20

Raw Sample Received by:

70 WGC1

Raw Sample Relinquished by:

70 WGC1

Date/Time

11/27/24

Raw Sample Received by:

70 WGC1

WORKLIST(Hardcopy Internal Chain)

13362

WorkList Name : %1-p5014

WorkList ID : 185856

Department : Wet-Chemistry

Date : 11-27-2024 14:12:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5014-22	MBHK02	Solid	Percent Solids	Cool 4 deg C	USEP01	C43	11/20/2024	Chemtech -SO

Date/Time 11-27-24 14:20
Raw Sample Received by: J.C. (sm)
Raw Sample Relinquished by: J.C. (sm)

Date/Time 11-27-24 15:00
Raw Sample Received by: J.C. (sm)
Raw Sample Relinquished by: J.C. (sm)