SDG COVER PAGE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51698 MA No.: SDG No.: MBHCH8

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MBHDD1	P4498-01	X		X	X
MBHDD2	P4498-02	X		X	X
MBHDD8	P4498-03	X		X	X
MBHDD9	P4498-04	X		X	X
MBHDE0	P4498-05	X		X	X
MBHDE1	P4498-06	X		X	X
MBHDE2	P4498-07	X		X	X
MBHDE8	P4498-08	X		X	X
MBHDE9	P4498-09	X		X	X
MBHDF0	P4498-10	X		X	X
MBHDF0D	P4498-11	X		X	X
MBHDF0S	P4498-12	X		X	X
MBHDF1	P4498-13	X		X	X
MBHDF2	P4498-14	X		X	X
MBHCH8	P4498-15	X		X	X
MBHCH9	P4498-16	X		X	X
MBHCJ0	P4498-17	X		X	X
MBHCJ1	P4498-18	X		X	X
MBHCJ2	P4498-19	X		X	X
MBHCJ3	P4498-20	X		X	X
MBHCJ5	P4498-21	X		X	X
MBHCJ6	P4498-22	X		X	X

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

Signature: Name:

Date: Title:

68HERH20D0011 SDG # MBHCH8

USEPA CLP COC (LAB COPY)
DateShipped: 10/22/2024
CarrierName: FedEx
AirbillNo: 779427589557

CHAIN OF CUSTODY RECORD

Case #: 51698
Cooler #: 1 of 5

No: 2-102224-0030-5005-01
Lab: Alliance Technical Group LLC
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
P065-SS007-1824-01	MBHDD1	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 07	10/17/2024 11:50	
P065-SS007-2430-01	MBHDD2	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 07	10/17/2024 11:55	
P065-SS009-0006-01	MBHDD8	Soil/ START	Grab	Metals + Hg + Cn(180)	Q (4 C) (1)	Boring 09	10/18/2024 10:50	
P065-SS009-0612-01	MBHDD9	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 09	10/18/2024 10:55	
P065-SS009-1218-01	MBHDE0	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 09	10/18/2024 11:00	
P065-SS009-1824-01	MBHDE1	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 09	10/18/2024 11:05	
P065-SS009-2430-01	MBHDE2	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 09	10/18/2024 11:10	
P065-SS011-0006-01	MBHDE8	Soil/ START	Grab	Metals + Hg + Cn(180)	U (4 C) (1)	Boring 11	10/17/2024 10:15	
P065-SS011-0612-01	MBHDE9	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 11	10/17/2024 10:18	
P065-SS011-1218-01	MBHDF0	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (2)	Boring 11	10/17/2024 10:21	

Sample(s) to be used for Lab QC: P065-SS011-1218-01 Tag M - Special Instructions: Please email results to s.sumbaly@westonsolutions.com and hector.rodriguez-cesani@westonsolutions.com. 21 day validated TAT.

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: Metals + Hg + Cn=TAL Metals + Hg + Cn

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples	START V	10-22-24/1700	FedEx		
				10-23-24 0950	2-5°C IR GUN #1
					custody seals INTACT
					Temp Blk. present

68HERH20D0011 SDG # MBHCH8

USEPA CLP COC (LAB COPY)
DateShipped: 10/22/2024
CarrierName: FedEx
AirbillNo: 779427589557

CHAIN OF CUSTODY RECORD

Case #: 51698
Cooler #: 1 of 5

No: 2-102224-0030-5005-01
Lab: Alliance Technical Group LLC
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
P065-SS011-1824-01	MBHDF1	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 11	10/17/2024 10:25	
P065-SS011-2430-01	MBHDF2	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 11	10/17/2024 10:30	

Special Instructions: Please email results to s.sumbaly@westonsolutions.com and hector.rodriguez-cesani@westonsolutions.com. 21 day validated TAT.

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

Analysis Key: Metals + Hg + Cn=TAL Metals + Hg + Cn

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples	Start V	10-2224/1040	Fed Ex		
				10-23-24 0950	2-5°C IR GUN #1
					custody seals INTACT
					TEMP BLK. present

68HERH20D0011 SDG # MBHCH8

USEPA CLP COC (LAB COPY)
DateShipped: 10/22/2024
CarrierName: FedEx
AirbillNo: 779427608339

CHAIN OF CUSTODY RECORD

Case #: 51698
Cooler #: 2 of 5

No: 2-102224-0030-5005-02
Lab: Alliance Technical Group LLC
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
P065-SS013-0006-01	MBHCH8	Soil/ START	Grab	Metals + Hg + Cn(180)	Y (4 C) (1)	Boring 13	10/18/2024 11:40	
P065-SS013-0612-01	MBHCH9	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 13	10/18/2024 11:45	
P065-SS013-1218-01	MBHCJ0	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 13	10/18/2024 11:50	
P065-SS013-1824-01	MBHCJ1	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 13	10/18/2024 11:55	
P065-SS013-2430-01	MBHCJ2	Soil/ START	Grab	Metals + Hg + Cn(180)	M (4 C) (1)	Boring 13	10/18/2024 12:00	
P065-SS014-0006-01	MBHCJ3	Soil/ START	Grab	Metals + Hg + Cn(180)	D (4 C) (1)	Boring 14	10/17/2024 08:30	
P065-SS014-1218-01	MBHCJ5	Soil/ START	Grab	Metals + Hg + Cn(180)	D (4 C) (1)	Boring 14	10/17/2024 08:36	
P065-SS014-1824-01	MBHCJ6	Soil/ START	Grab	Metals + Hg + Cn(180)	D (4 C) (1)	Boring 14	10/17/2024 08:38	
P065-SS014-2430-01	MBHCJ7	Soil/ START	Grab	Metals + Hg + Cn(180)	D (4 C) (1)	Boring 14	10/17/2024 08:40	
P065-SS015-0006-01	MBHCJ8	Soil/ START	Grab	Metals + Hg + Cn(180)	Y (4 C) (1)	Boring 15	10/17/2024 09:00	

Special Instructions: Please email results to s.sumbaly@westonsolutions.com and hector.rodriguez-cesani@westonsolutions.com. 21 day validated TAT.

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: Metals + Hg + Cn=TAL Metals + Hg + Cn

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples	Start V	10.22.24/1000	FedEx		
				10-23-24 0950	2.1°C IR Gun #1
					custody seals intact
					Temp Blk. present

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name)	George Meglon	Log-in Date 10/23/2024
Received By (Signature)		
Case Number 51698	SDG No. MBHCH8	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	779427589557 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.5 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	10/23/2024
12.Time Received	09:50

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MBHDD1	N/A	M	P4498-01	Intact
2	MBHDD2	N/A	M	P4498-02	Intact
3	MBHDD8	N/A	Q	P4498-03	Intact
4	MBHDD9	N/A	M	P4498-04	Intact
5	MBHDE0	N/A	M	P4498-05	Intact
6	MBHDE1	N/A	M	P4498-06	Intact
7	MBHDE2	N/A	M	P4498-07	Intact
8	MBHDE8	N/A	U	P4498-08	Intact
9	MBHDE9	N/A	M	P4498-09	Intact
10	MBHDF0	N/A	M	P4498-10	Intact
11	MBHDF0D	N/A	M	P4498-11	Intact
12	MBHDF0S	N/A	M	P4498-12	Intact
13	MBHDF1	N/A	M	P4498-13	Intact
14	MBHDF2	N/A	M	P4498-14	Intact
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		Logbook No.	N/A
Date	10/23/24	Logbook Page No.	N/A

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 2 of 2
Received By (Print Name) George Negron		Log-in Date 10/23/2024
Received By (Signature)		
Case Number 51698	SDG No. MBHCH8	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	779427608339 2
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.1 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	10/23/2024
12.Time Received	09:50

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MBHCH8	N/A	Y	P4498-15	Intact
2	MBHCH9	N/A	M	P4498-16	Intact
3	MBHCJ0	N/A	M	P4498-17	Intact
4	MBHCJ1	N/A	M	P4498-18	Intact
5	MBHCJ2	N/A	M	P4498-19	Intact
6	MBHCJ3	N/A	D	P4498-20	Intact
7	MBHCJ5	N/A	D	P4498-21	Intact
8	MBHCJ6	N/A	D	P4498-22	Intact
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		Logbook No.	N/A
Date	10/23/24	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.	**51698**	SDG NO.	**MBHCH8**
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: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
1 . SDG Cover Page	1	1	✓	
2 . Traffic Report/Chain of Custody Record(s)	2	4	✓	
3 . Sample Log-In Sheet (DC-1)	5	6	✓	
4 . CSF Inventory Sheet (DC-2)	7	9	✓	
5 . SDG Narrative	10	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	554	✓	
Other Data				
10 . Standard and Reagent Preparation Logs	555	724	✓	
11 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	725	726	✓	
12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	727	739	✓	
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: FROM	TO	CHECK 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	740	759	✓	
27. Instrument raw data by instrument in analysis order	760	762	✓	
Other Data				
28. Standard and Reagent Preparation Logs	763	789	✓	
29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	790	791	✓	
30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	792	796	✓	
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	797	816	✓	
36. Instrument raw data by instrument in analysis order	817	821	✓	
Other Data				
37. Standard and Reagent Preparation Logs	822	851	✓	
38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	852	853	✓	
39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	854	857	✓	
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	✓	

	PAGE NOs: FROM	TO	CHECK LAB	REGION
Additional				
44. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments 2)	858	859	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	860	862	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	863	868	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

Completed by: (CLP Lab)		Nimisha Pandya, Document Control Officer	
	(Signature)	(Print Name & Title)	(Date)
Audited by: (EPA)			
	(Signature)	(Print Name & Title)	(Date)

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MBHCH8
CASE # 51698
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P4498

A. Number of Samples and Date of Receipt

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

B. Parameters

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

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 2.5^{o}C, 2.1^{o}C

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

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

E. Corrective Action taken for above:

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

F. Analytical Techniques:

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

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

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):

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

Where,

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

Example Calculation For Sample MBHDD1 For Antimony:

If C = 0.0051211 ppm
Vf = 100 ml
W = 1.20g
S = 0.827(82.7/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.0051211 \times \frac{100}{1.20 \times 0.827} \times 1$$

$$= 0.51603 \text{ mg/kg}$$

$$= 0.52 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for Hg Soil Sample:

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

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

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 MBHDD1:

284 Sheffield Street
Mountainside, NJ 07092

If C =0.1488 ppb
Vf = 100 mL
W = 0.58g
S = 0.827(82.7/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.1488 \frac{100}{0.58 \times 0.827} \times 1 / 1000$$

$$= 0.03102 \text{ mg/kg}$$

$$= 0.031 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for CN Soil Sample:

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

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

Where,

C = Instrument response in µg/L CN 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 MBHCJ6:

If C = 6.2798 ppb
Vf = 50 ml
W = 1.03 g
S = 0.807(80.7/100)
DF = 1

$$\text{Concentration (mg/kg)} = 6.2798 \times \frac{50}{1.03 \times 0.807} \times 1 / 1000$$

$$= 0.37775 \text{ mg/kg}$$

$$= 0.38 \text{ mg/kg (Reported Result with Signification)}$$

284 Sheffield Street
Mountainside, NJ 07092

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 Antimony, Arsenic, Lead, Selenium, Thallium. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

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: 10/25/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 12:30
In Date: 10/24/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:40
Out Date: 10/25/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133094

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
P4498-01	MBHDD1	1	1.15	8.46	9.61	8.15	82.7	
P4498-02	MBHDD2	2	1.15	8.40	9.55	8.15	83.3	
P4498-03	MBHDD8	3	1.16	8.62	9.78	9.32	94.7	
P4498-04	MBHDD9	4	1.15	8.71	9.86	8.99	90.0	
P4498-05	MBHDE0	5	1.15	8.81	9.96	8.72	85.9	
P4498-06	MBHDE1	6	1.12	8.40	9.52	7.54	76.4	
P4498-07	MBHDE2	7	1.15	8.43	9.58	7.75	78.3	
P4498-08	MBHDE8	8	1.14	8.61	9.75	8.61	86.8	
P4498-09	MBHDE9	9	1.12	8.85	9.97	8.51	83.5	
P4498-10	MBHDF0	10	1.15	8.81	9.96	8.79	86.7	
P4498-11	MBHDF0D	11	1.15	8.81	9.96	8.79	86.7	
P4498-12	MBHDF0S	12	1.15	8.81	9.96	8.79	86.7	
P4498-13	MBHDF1	13	1.16	8.40	9.56	8.35	85.6	
P4498-14	MBHDF2	14	1.13	8.60	9.73	8.35	84.0	
P4498-15	MBHCH8	15	1.16	8.64	9.8	8.06	79.9	
P4498-16	MBHCH9	16	1.14	8.59	9.73	8.58	86.6	
P4498-17	MBHCJ0	17	1.16	8.53	9.69	8.06	80.9	
P4498-18	MBHCJ1	18	1.15	8.50	9.65	7.71	77.2	
P4498-19	MBHCJ2	19	1.15	8.77	9.92	7.79	75.7	
P4498-20	MBHCJ3	20	1.15	8.46	9.61	8.5	86.9	
P4498-21	MBHCJ5	21	1.15	8.83	9.98	8.59	84.3	
P4498-22	MBHCJ6	22	1.16	8.49	9.65	8.01	80.7	

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

WORKLIST(Hardcopy Internal Chain)

WS 133094

WorkList Name : %1-p4498 **WorkList ID :** 184733 **Department :** Wet-Chemistry **Date :** 10-24-2024 10:28:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4498-01	MBHDD1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-02	MBHDD2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-03	MBHDD8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-04	MBHDD9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-05	MBHDE0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-06	MBHDE1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-07	MBHDE2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-08	MBHDE8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-09	MBHDE9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-10	MBHDF0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-11	MBHDF0D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-12	MBHDF0S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-13	MBHDF1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-14	MBHDF2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-15	MBHCH8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO
P4498-16	MBHCH9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-17	MBHCJ0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-18	MBHCJ1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-19	MBHCJ2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-20	MBHCJ3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/18/2024	Chemtech -SO
P4498-21	MBHCJ5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO

Date/Time 10/24/24 12:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 10/24/24 12:35

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

WORKLIST(Hardcopy Internal Chain)

VB 133094

WorkList Name : %1-p4498 **WorkList ID :** 184733 **Department :** Wet-Chemistry **Date :** 10-24-2024 10:28:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4498-22	MBHCJ6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	10/17/2024	Chemtech -SO

Date/Time 10/24/24 1210

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature] (SM)

Date/Time 10/24/24 1235

Raw Sample Received by: [signature] (SM)

Raw Sample Relinquished by: [signature] UOC