SDG	COVER	PAGE
DDG		LAGE

Lab Name: Alliance	Technical Group, LLC	Contract	68HERH20	D0011	
Lab Code: ACE	Case No.: 51879	MA No.:			SDG No.: MBHN20
SOW No. : SFAM01.1					
			Analysi	s Method	
EPA Sample No.	Lab Sample Id	ICP-AES	ICP-MS	Mercury	Cyanide
MBHN20	P5205-01	Х			
MBHN21	P5205-02	Х			
MBHN22	P5205-03	X			
MBHN23	P5205-04	Х			
MBHN24	P5205-05	Х			
MBHN25	P5205-06	Х			
MBHN26	P5205-07	Х			
MBHN40	P5205-08	Х			
MBHN41	P5205-09	Х			
MBHN42	P5205-10	Х			
MBHN43	P5205-11	Х			
MBHN44	P5205-12	Х			
MBHN45	P5205-13	Х			
MBHN46	P5205-14	Х			
MBHN47	P5205-15	Х			
MBHN48	P5205-16	Х			
MBHN49	P5205-17	Х			
мвни50	P5205-18	Х			
MBHN51	P5205-19	Х			
MBHN51D	P5205-20	Х			
MBHN51S	P5205-21	Х			
MBHN52	P5205-22	Х			

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:

USEPA CLP COC (LAB COPY) DateShipped: 12/6/2024 CarrierName: FedEx	(LAB COPY) /2024 Ex			CHAIN OF	CHAIN OF CUSTODY RECORD Case #: 51879	'9 '9		No: 2-120624-122520-0056 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed	122520-0056 Nical Group LLC
AirbillNo: 7705 5866 0393 Sample Identifier	6 0393	Matrix/Sampler	Coll	Analysis/Turna	Cooler #: 3		Location	Lab Phone Collection	Lab Phone: 908-789-8900 ction For Lab Use
Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	tround	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
P171-SB-03-Z00- 02	MBHN20	Soil/		ICP-AES(35)	5)	4241 (Wet ice < 6 C) (1)	P171-SB-03	11/20/2024 11:15	
P171-SB-03-Z02- 06	MBHN21	Soil/		ICP-AES(35)	5)	4242 (Wet ice < 6 C) (1)	P171-SB-03	11/20/2024 11:15	
P171-SB-03-Z06- 12	MBHN22	Soil/		ICP-AES(35)	5	4243 (Wet ice < 6 C) (1)	P171-SB-03	11/20/2024 11:15	
P171-SB-03-Z12- 18	MBHN23	Soil/		ICP-AES(35)	5)	4244 (Wet ice < 6 C) (1)	P171-SB-03	11/20/2024 11:15	
P171-SB-03-Z18- 24	MBHN24	Soil/		ICP-AES(35)	5	4245 (Wet ice < 6 C) (1)	P171-SB-03	11/20/2024 11:15	
P171-SB-03-Z24- 30	MBHN25	Soil/		ICP-AES(35)	5	4246 (Wet ice < 6 C) (1)	P171-SB-03	11/20/2024 11:15	
P171-SB-03-Z30- 36	MBHN26	Soil/		ICP-AES(35)	5	4247 (Wet ice < 6 C) (1)	P171-SB-03	11/20/2024 11:15	
P169-SB-02-Z00- 02	MBHN40	Soil/		ICP-AES(35)	5)	4004 (Wet ice < 6 C) (1)	P169-SB-02	11/19/2024 14:20	
P169-SB-02-Z02- 06	MBHN41	Soil/		ICP-AES(35)	5	4005 (Wet ice < 6 C) (1)	P169-SB-02	11/19/2024 14:20	
P169-SB-02-Z06- 12	MBHN42	Soil/		ICP-AES(35)	5)	4006 (Wet ice < 6 C) (1)	P169-SB-02	11/19/2024 14:20	
Special Instructions MBHN44, MBHN45	: Samples MBH , MBHN84, MB	Special Instructions: Samples MBHN51 and MBHN82 are MS/MSDs. Samples MBHN21, MBHN26, MBHN42, MBHN43, MBHN44, MBHN45, MBHN86, MBHN86, MBHN87 and MBHN88 have limited sample mass.	re MS/MSDs HN87 and MI	. Samples MBHN21 BHN88 have limited	, MBHN26, I sample max	MBHN42, MBHN43, ss.	Shipment for Case Complete? N Samples Transferred From Chai	Shipment for Case Complete? N Samples Transferred From Chain of Custody #	Custody #
Analysis Key: ICP-4	AES=CLP Routi	Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals	SD SOP C-10)9 Metals					
Items/Reason	Relinquished b	Relinquished by (Signature and Organization)	anization)	Date/Time	Received	Received by (Signature and Organization)) Date/Time	Sample Condition Upon Receipt	n Upon Receipt
1 Coder	Se	R	LUJP	12106(24	No	~	12/7/24	H'S'T	ERen H
					114	SARA	9:57	Temp ble	enpblend Parm
					12/06/24			(hoten)	VAL MAN

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Page 1 of 4

68HERH20D0011

SDG # MBHN20

Sample Identifier	CLP	Matrix/Sampler	Coll.	Analysis/Turnaround	naround	Tag/Preservative/Bottles	Location	Collection	For Lab Use
	Sar		Method	(Days)				Date/Time	Only
P169-SB-02-Z12- 18		Soil/		ICP-AES(35)	(35)	4007 (Wet ice < 6 C) (1)	P169-SB-02	11/19/2024 14:20	
P169-SB-02-Z18- 24	MBHN44	Soil/		ICP-AES(35)	(35)	4008 (Wet ice < 6 C) (1)	P169-SB-02	11/19/2024 14:20	
P169-SB-02-Z24- 30	MBHN45	Soil/		ICP-AES(35)	(35)	4009 (Wet ice < 6 C) (1)	P169-SB-02	11/19/2024 14:20	
P169-SB-02-Z30- 36	MBHN46	Soil/		ICP-AES(35)	(35)	4060 (Wet ice < 6 C) (1)	P169-SB-02	11/19/2024 14:20	
P178-SB-08-Z00- 02	MBHN47	Soil/		ICP-AES(35)	(35)	5086 (Wet ice < 6 C) (1)	P178-SB-08	11/21/2024 13:55	
P178-SB-08-Z02- 06	MBHN48	Soil/		ICP-AES(35)	(35)	5087 (Wet ice < 6 C) (1)	P178-SB-08	11/21/2024 13:55	
P178-SB-08-Z06- 12	MBHN49	Soil		ICP-AES(35)	(35)	5088 (Wet ice < 6 C) (1)	P178-SB-08	11/21/2024 13:55	
P178-SB-08-Z12- 18	MBHN50	Soil/		ICP-AES(35)	(35)	5089 (Wet ice < 6 C) (1)	P178-SB-08	11/21/2024 13:55	
P178-SB-08-Z18- 24	MBHN51	Soil/		ICP-AES(35)	(35)	5160 (Wet ice < 6 C) (1)	P178-SB-08	11/21/2024 13:55	•
P178-SB-08-Z24- 30	MBHN52	Soil/		ICP-AES(35)	(35)	5161 (Wet ice < 6 C) (1)	P178-SB-08	11/21/2024 13:55	
Sample(s) to be used for Lab QC: P MS/MSDs. Samples MBHN21, MBH MBHN88 have limited sample mass	ed for Lab QC: I ss MBHN21, MB ted sample mas	P178-SB-08-Z18-24 HN26, MBHN42, MB s.	Tag 5160 <i>-</i> ;HN43, MBH	Special Instructions N44, MBHN45, MBI	s: Samples N HN84, MBHI	Sample(s) to be used for Lab QC: P178-SB-08-Z18-24 Tag 5160 - Special Instructions: Samples MBHN51 and MBHN82 are MS/MSDs. Samples MBHN21, MBHN26, MBHN42, MBHN43, MBHN44, MBHN45, MBHN84, MBHN85, MBHN86, MBHN87 and MBHN88 have limited sample mass.	Shipment for Case Complete? N Samples Transferred From Chai	Shipment for Case Complete? N Samples Transferred From Chain of Custody #	Sustody #
nalysis Key: ICP-	AES=CLP Routi	Analysis Key: ICP-AES=CLP Routine - SFAM01.1/LSASD SOP C-109 Metals	SD SOP C-1	09 Metals					
Items/Reason	Relinquished b		ranization)	Date/Time	Received	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt	1 Upon Receipt
1 Cooler	1	Relinquished by (Signature and Organization)	WSP	12106124 1705		Ven	12/7/24	H Si	June
	Stat	y (Signature and Org					9:57	To. n W	Har Pran
	1 Sec	y (Signature and Org						and a range	
	A	y (Signature and Org			13 ×	- Alter		Motor Sw	Sun D

68HERH20D0011 CHAIN OF CUSTODY RECORD

SDG # MBHN20 No: 2-120624-122520-0056

No: 2-120624-122520-0056 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Page 2 of 4

USEPA CLP COC (LAB COPY) DateShipped: 12/6/2024

DateShipped: 12/6/2024 CarrierName: FedEx

Case #: 51879

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alli	ance Technical Group	, LLC	\cap			Page 1_of	1	
Received By (Pi	rint Name)		Pena			Log-in Date	e 12/7/20)24
Received By (Si			- perice					
Case Number	51879	SDG	No. MBHN	120		MA No. N	/A	
<u></u>								
Remarks:		-				Correspondi	ng	
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	MBHN20	N/A	4241		P5205-01	Intact
Custody Records		2	MBHN21	N/A	4242		P5205-02	Intact
4. Airbill	Dresent	3	MBHN22	N/A	4243		P5205-03	Intact
Anom	Present	4	MBHN23	N/A	4244		P5205-04	Intact
5. Airbill No. and	770558660393	5	MBHN24	N/A	4245		P5205-05	Intact
Shipping Container ID No.	1	6	MBHN25	N/A	4246		P5205-06	Intact
6. Shipping Container		7	MBHN26	N/A	4247		P5205-07	Intact
Temperature	Present	8	MBHN40	N/A	4004		P5205-08	Intact
Indicator Bottle		9	MBHN41	N/A	4005		P5205-09	Intact
7. Shipping Container	1.5 Degree C	10	MBHN42	N/A	4006		P5205-10	Intact
Temperature		11	MBHN43	N/A	4007		P5205-11	Intact
8. Sample	Intact	12	MBHN44	N/A	4008		P5205-12	Intact
Condition		13	MBHN45	N/A	4009		P5205-13	Intact
		14	MBHN46	N/A	4060		P5205-14	Intact
9. Sample Tags Sample Tag	Absent	15	MBHN47	N/A	5086		P5205-15	Intact
Numbers	Listed on Traffic	16	MBHN48	N/A	5087		P5205-16	Intact
	Report	17	MBHN49	N/A	5088		P5205-17	Intact
10. Does information on Traffic	Yes	18	MBHN50	N/A	5089		P5205-18	Intact
Reports/Chain of		19	MBHN51	N/A	5160		P5205-19	Intact
Custody Records and Sample Tags		20	MBHN51D	N/A	5160		P5205-20	Intact
agree ?		21	MBHN51S	N/A	5160		P5205-21	Intact
 Date Received at Lab 	12/07/2024	22	MBHN52	N/A	5161		P5205-22	Intact
		23	N/A	N/A	N/A		N/A	N/A
12.Time Received	09:55							

* Contact SMO and attach record of repolution

Reviewed By	02	Logbook No.	N/A	
Date	12 9 24	Logbook Page No.	N/A	

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

LAB NAME	Alliance Techni	cal Group, LLC	
LAB CODE	ACE		
CONTRACT NO.	68HERH20D0011		
CASE NO.	51879	SDG NO.	MBHN20
MA NO.		SOW NO.	SFAM01.1
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:	CH	IECK
	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	4	~	
4. CSF Inventory Sheet (DC-2)	5	7	~	
5. SDG Narrative	8	10	~	
6. Communication Logs	NA	NA	~	
7. Percent Solids Log	11	13	✓	
Analysis Forms and Data (ICP-AES)				
8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample	14	33	√	
or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order	34	294	✓	
Other Data				
10. Standard and Reagent Preparation Logs	295	432	~	
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	433	434	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	435	441	✓	
 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	NA	NA	~	
or sample analysis, laboratory QC as applicable 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	✓	
 Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 	NA	NA	✓	

23. Extraction Logs for TCLF and SPLP TO LAB REGION 24. Raw GPC Data NA NA NA NA NA 25. Raw Florisil Data NA NA NA V		PAGE N	10s:	CH	IECK
24. Raw GPC Data NA NA YA 25. Raw Florisil Data NA NA YA 26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA YA 27. Instrument raw data by instrument in analysis order NA NA YA YA 28. Standard and Reagent Preparation logs NA NA Y YA 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA Y 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA Y 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA Y 32. Extraction Logs for TCLP and SPLE NA NA Y 33. Raw GPC Data NA NA Y 34. Raw Florisil Data NA NA Y 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA Y 36. Instrument raw data by instrument in analysi		FROM	TO	LAB	REGION
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26. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA	25. Raw Florisil Data	NA	NA	✓	
or sample analysis, laboratory QC as applicable NA NA NA NA NA V 27. Instrument raw data by instrument in analysis order NA NA NA V 28. Standard and Reagent Preparation Logs NA NA V V 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA V 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA V 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA V 32. Extraction Logs for TCLP and SPLP NA NA V NA NA V 33. Raw GPC Data NA NA V NA NA V 34. Raw Florisil Data NA NA V NA NA V 35. Sample Analysis Data Forms (IA-OR, IB-OR, and I-IN) for each sample or sample analysis, laboratory QC as applicable NA NA V 36. Instrument raw data by instrument in analysis order NA NA V NA V 37. Standard and Reagent Preparation Logs NA NA V NA	Analysis Forms and Data (Mercury)				
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30. Original Analysis or Instrument Run forms or copies of Analysis or NA NA<		NA	NA	✓	
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34. Raw Florisil Data NA NA NA Analysis Forms and Data (Cyanide) 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓		NA	NA	_ ✓	
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35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ Other Data 37. Standard and Reagent Preparation Logs NA NA ✓ 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓	34. Raw Florisil Data	NA	NA	✓	
or sample analysis, laboratory QC as applicable 36. Instrument raw data by instrument in analysis order NA NA V Other Data 37. Standard and Reagent Preparation Logs NA NA V 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 41. Extraction Logs for TCLP and SPLP 42. Raw GPC Data NA NA V	Analysis Forms and Data (Cyanide)				
36. Instrument raw data by instrument in analysis order NA NA ✓ Other Data 37. Standard and Reagent Preparation Logs NA NA ✓ 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓		NA	NA	✓	
37. Standard and Reagent Preparation Logs NA NA ✓ 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓		NA	NA	✓	
37. Standard and Reagent Preparation Logs NA NA ✓ 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA ✓ 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 41. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓	Other Data				
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions 41. Extraction Logs for TCLP and SPLP 42. Raw GPC Data		NA	NA	✓	
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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:	CH	IECK
	_	FROM	TO	LAB	REGION
Additional					
44. EPA Shipping/Receiving Documents					
Airbill (No. of Shipments <u>1</u>)	_	442	442		
Sample Tags	_	NA	NA	✓	
Sample Log-In Sheet (Lab)	_	443	444	✓	
45. Misc. Shipping/Receiving Records(list all individual records	5)				
	_	NA	NA	<u>√</u>	
	_				
	_				
46. Internal Lab Sample Transfer Records and Tracking Sheets					
(describe or list)		445	446		
	-		011		
47 Other Describe and related Communication Lass	-				
47. Other Records and related Communication Logs (describe or list)					
		NA	NA	_ ✓	
	—				
	—				
48. Comments:					
Completed by:					
(CLP Lab) Nimisha Pa	andya, Document (Control	Officer		
-	ame & Title)			(Da	te)
Audited by: (EPA)					
(Signature) (Print N	ame & Title)			(Da	te)



284 Sheffield Street Mountainside, NJ 07092

SDG NARRATIVE

USEPA SDG # MBHN20 CASE # 51879 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # P5205

A. Number of Samples and Date of Receipt

20 Soil samples were delivered to the laboratory intact on 12/07/2024.

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: 1.5°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.



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):

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 MBHN20 For Arsenic:

If C = 0.0994343 ppm Vf = 100 ml W = 1.15 g S = 0.798(79.8/100) DF = 1 Concentration (mg/kg) = 0.0994343 x 100 x 1 1.15×0.798 = 10.8351 mg/kg

= 11 mg/kg (Reported Result with Signification

H. QA/QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample did meet requirements except for Arsenic, Silver, Thallium. Duplicate sample did meet requirements. Serial Dilution did meet requirements except for Aluminum, Copper, Magnesium, Manganese.

Chemical or physical interference effect was suspected and the data for all affected analytes in the sample received and associated with this serial dilution were flagged.



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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: 12/12/2024

OVENTEMP IN Celsius(°C): 107 Time IN: 12:40 In Date: 12/11/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 OvenID: M OVEN#1 OVENTEMP OUT Celsius(°C): 103 Time OUT: 07:30 Out Date: 12/12/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN

QC:LB133878

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
P5205-01	MBHN20	1	1.15	8.42	9.57	7.87	79.8	
P5205-02	MBHN21	2	1.16	8.61	9.77	8.49	85.1	
P5205-03	MBHN22	3	1.18	8.50	9.68	8.76	89.2	
P5205-04	MBHN23	4	1.12	8.74	9.86	9.00	90.2	
P5205-05	MBHN24	5	1.14	8.39	9.53	8.2	84.1	
P5205-06	MBHN25	6	1.12	8.77	9.89	8.4	83.0	
P5205-07	MBHN26	7	1.13	8.74	9.87	8.97	89.7	
P5205-08	MBHN40	8	1.19	8.72	9.91	7.92	77.2	
P5205-09	MBHN41	9	1.17	8.63	9.8	8.24	81.9	
P5205-10	MBHN42	10	1.16	8.64	9.8	8.77	88.1	
P5205-11	MBHN43	11	1.18	8.43	9.61	8.96	92.3	
P5205-12	MBHN44	12	1.15	8.33	9.48	8.71	90.8	
P5205-13	MBHN45	13	1.17	8.58	9.75	8.31	83.2	
P5205-14	MBHN46	14	1.19	8.55	9.74	8.5	85.5	
P5205-15	MBHN47	15	1.19	8.52	9.71	7.49	73.9	
P5205-16	MBHN48	16	1.16	8.60	9.76	7.66	75.6	
P5205-17	MBHN49	17	1.19	8.60	9.79	8.08	80.1	
P5205-18	MBHN50	18	1.16	8.49	9.65	8.32	84.3	
P5205-19	MBHN51	19	1.18	8.65	9.83	8.5	84.6	
P5205-20	MBHN51D	20	1.18	8.65	9.83	8.5	84.6	
P5205-21	MBHN51S	21	1.18	8.65	9.83	8.5	84.6	
P5205-22	MBHN52	22	1.13	8.64	9.77	8.49	85.2	

			WORKLIST(Harc	WORKLIST(Hardcopy Internal Chain)			215	
WorkList Name :	%1-p5205	WorkList ID :	ID : 186218	Department : Wet	Wet-Chemistry	Date: 1	Date: 12-11-20	12-11-2024 No-14-14
Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Colle	Method
P5205-01	MBHN20	Solid				1011200-		
P5205-02	MBHN21	Solid Solid	Percent Solids	Cool 4 deg C	USEP01	C13	11/20/2024	Chemtech -SO
P5205-03	MBHN22		recent solids	Cool 4 deg C	USEP01	C13	11/20/2024	
P5205-04	MBHN23		rercent solids	Cool 4 deg C	USEP01	C13	11/20/2024	
P5205-05	MBHN24	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	11/20/2024	Chemtooh CO
P5205-06	MBHN25		Percent Solids	Cool 4 deg C	USEP01	C13	11/20/2024	Chemtech 50
P5205-07	MBHN26	Diloc	Percent Solids	Cool 4 deg C	USEP01	C13	11/20/2024	Chamtach 50
P5205-08	MBHN40		Percent Solids	Cool 4 deg C	USEP01	C13	11/20/2024	
P5205-09	MBHN41	solid	Percent Solids	Cool 4 deg C	USEP01	C13	11/19/2024	Chemical -50
P5205-10	MBHN42		Percent Solids	Cool 4 deg C	USEP01	C13	11/19/2024	Chemtech 50
P5205-11	MBHN43		Percent Solids	Cool 4 deg C	USEP01	C13	11/19/2024	Chemtech 20
P5205-12	MBHN44	Dino	Percent Solids	Cool 4 deg C	USEP01	C13	11/19/2024	Chamtach C
P5205-13	MBHN45		Percent Solids	Cool 4 deg C	USEP01	C13	11/19/2024	
P5205-14	MBHN46	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	11/19/2024	Chemtech -50
P5205-15	MBHN47	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	11/19/2024	Chemtech -SO
P5205-16	MBHN48		Derood O-6-1	Cool 4 deg C	USEP01	C13	11/21/2024	Chemtech -SO
P5205-17	MBHN49			Cool 4 deg C	USEP01	C13	11/21/2024	Chemtech _SO
P5205-18	MBHN50		rercent Solids	Cool 4 deg C	USEP01	C13	11/21/2024	Chomtach CO
P5205-19	MBHN51		Percent Solids	Cool 4 deg C	USEP01	C13	11/21/2024	Chemtech - 50
P5205-20	MBHN51D		Percent Solids	Cool 4 deg C	USEP01	C13	11/21/2024	Chemtooh SO
P5205-21	MBHN51S		Percent Solids	Cool 4 deg C	USEP01	C13		Chemtech -SO
Date/Time 12.4.21	700 121 40		recent Solids	Cool 4 deg C	USEP01	C13		Chemtech -SO
Raw Sample Received by:					Date/Time	12-11-24	1244	45
Raw Sample Relinquished by:	FLIN	EM			Raw Sample Received by:	eceived by:	Rm	BM
			Page 1 of 2	2	Raw Sample R	Raw Sample Relinquished by:	10	\$ Ceepe

87866161	Date: 12-11-2024 00-14-14	Raw Sample Storage Collect Date Method	L'OCATION
hain)	Department : Wet-Chemistry	Customer	
WORKLIST(Hardcopy Internal Chain)	Department :	Preservative	
WORKLIST	WorkList ID: 186218	Matrix Test	Solid Borroot S. H.
	%1-p5205	Customer Sample	MBHN52
	WorkList Name : %1-p5205	Sample	P5205-22

11/21/2024 Chemtech -SO

C13

USEP01

Cool 4 deg C

Percent Solids

Solid

121-00	VE LA WUCI	ed by: Kun Sm
Date/Time	Raw Sample Received by:	Raw Sample Relinquished by

all 12145 Z Raw Sample Relinquished by: Raw Sample Received by: Date/Time <u>12-11-14</u>

Page 2 of 2