## SDG COVER PAGE

Lab Name: Allian	ce Technical Group, LLC	Contrac	t: <u>68HERH2</u>	0D0011	
Lab Code: ACE	Case No.: 51779	MA No.:	3225.1,32	26.1	SDG No.: MYCZR9
SOW No.: SFAM01	.1				
EPA Sample No.	Lab Sample Id	ICP-AES	Analysi ICP-MS	is Method Mercury	Cyanide
MYCZR9	P5191-01	X	X		
MYCZS3	P5191-02	X	X		
MYCZS4	P5191-03	X	X		
MYCZS5	P5191-04	X	X		
MYCZS6	P5191-05	X	X		
MYCZS7	P5191-06	X	X		
MYD022	P5191-07	X	X		
MYD023	P5191-08	X	X		
MYD024	P5191-09	X	X		
MYD025	P5191-10	X	X		
MYD026	P5191-11	X	X		
MYD027	P5191-12	X	X		
MYD033	P5191-13	X	X		
MYD033D	P5191-14	X	X		
MYD033S	P5191-15	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:	

Page 5 of 5

**USEPA CLP COC (LAB COPY)** 

CarrierName: FedEx DateShipped: 12/5/2024

# **CHAIN OF CUSTODY RECORD**

Cooler #: 51779-119 Case #: 51779

Lab: Alliance Technical Group LLC No: 9-091924-162923-0119 Lab Phone: 601-264-2854 Lab Contact: Max Bonner

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll.	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
90301-A-007-01	MYCZR9	Soil/ REAC	Grab	ICP-AES 11 ICP-MS 11(21)	9-7368 (None) (1)	90301-A-007	09/18/2024 11:11	
90272-A-S001-01	MYCZS3	Soil/ REAC	Grab	ICP-AES 11 ICP-MS 11(21)	9-7372 (None) (1)	90272-A-S001	09/18/2024 10:37	
90272-A-004-01	MYCZS4	Soil/ REAC	Grab	ICP-AES 11 ICP-MS 11(21)	9-7373 (None) (1)	90272-A-004	09/18/2024 10:34	
90272-A-002-03	MYCZS5	Soil/ REAC	Grab	ICP-AES 11 ICP-MS 11(21)	9-7374 (None) (1)	90272-A-002	09/18/2024 10:33	
90272-A-003-01	MYCZS6	Soil/ REAC	Grab	ICP-AES 11 ICP-MS 11(21)	9-7375 (None) (1)	90272-A-003	09/18/2024 10:29	
90272-A-001-01	MYCZS7	Soil/ REAC	Grab	ICP-AES 11 ICP-MS 11(21)	9-7376 (None) (1)	90272-A-001	09/18/2024 10:26	

Special Instructions: Percent solids required for every sample, Use MAs 3225 and 3226. Lab should select samples for Lab QC. ICP-AES 11+Metals:Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn ICP-MS 11+ Metals: Ag, As, Ba,Be,Cd, Co, Cr, Cu, Ni, Pb, Sb, Se,Tl, V, Zn

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

Analysis Key: ICP-AES 11 ICP-MS 11=CLP ICP-AES 11 Metals and ICP-MS 11 Metals

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asody trail that					
					Car.
12-6-14 41-10-11	12-6-24		13.00 0		22
1:0 # 6:0	1000	2	12/05/2024	Carolinar Caron	SMISTO
	200			Rems/Reason Delinquistion by Organic and Organical	Items/Keason
Date/Time Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time	Delinquished by (Signature and Organization)	

# USEPA CLP COC (LAB COPY)

AirbillNo: 7704 9477 9297 CarrierName: FedEx DateShipped: 12/5/2024

# CHAIN OF CUSTODY RECORD

Cooler #: 51779-122 Case #: 51779

Lab: Alliance Technical Group LLC No: 9-091924-190010-0122

Lab Phone: 601-264-2854 Lab Contact: Max Bonner

Qe.	09/19/2024 10:30	2537-A-S004	9-7477 (None) (1)	ICP-AES 11 ICP-MS 11(21)	Grab	Soil/ REAC	MYD033	2537-A-S004-01
	09/20/2024 09:18	2115-A-0002	9-7471 (None) (1)	ICP-AES 11 ICP-MS 11(21)	Grab	Soil/ REAC	MYD027	2115-A-0002-01
	09/20/2024 09:20	2115-A-0006	9-7470 (None) (1)	ICP-AES 11 ICP-MS 11(21)	Grab	Soil/ REAC	MYD026	2115-A-0006-01
	09/20/2024 09:34	2115-B-0005	9-7469 (None) (1)	ICP-AES 11 ICP-MS 11(21)	Grab	Soil/ REAC	MYD025	2115-B-0005-01
	09/20/2024 09:36	2115-B-0009	9-7468 (None) (1)	ICP-AES 11 ICP-MS 11(21)	Grab	Soil/ REAC	MYD024	2115-B-0009-01
	09/20/2024 09:37	2115-B-0002	9-7467 (None) (1)	ICP-AES 11 ICP-MS 11(21)	Grab	Soil/ REAC	MYD023	2115-B-0002-03
	09/20/2024 09:00	2115-A-0005	9-7466 (None) (1)	ICP-AES 11 ICP-MS 11(21)	Grab	Soil/ REAC	MYD022	2115-A-0005-01
For Lab Use Only	Collection Date/Time	Location	Tag/Preservative/Bottles	Analysis/Turnaround (Days)	Coll. Method	Matrix/Sampler	CLP Sample No.	Sample Identifier

Special Instructions: Percent solids required for every sample, Use MAs 3225 and 3226. Lab should select samples for Lab QC. ICP-AES 11+Metals:Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,TI,V,Zn ICP-MS 11+ Metals: Ag, As, Ba,Be, Cd, Co, Cr, Cu, Ni, Pb, Sb, Se,TI, V, Zn

Analysis Key: ICP-AES 11 ICP-MS 11=CLP ICP-AES 11 Metals and ICP-MS 11 Metals

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

33					
Noten But, no ICC					
Custaly Seal Intact					
TRE-#1 9.00			13:00	(13:00)	(6/5)
Sample Condition Upon Receipt	Date/Time	Received by (Signature and Organization)	Date/Time	Relinquished by (Signature and Organization)	

# FORM DC-1 SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group		Page 1 of 1	
Received By (Print Name)	va Vene	Log-in Date 12/6/2024	
Received By (Signature)			
Case Number 51779	SDG No. MYCZR9	MA No. 3225.1,3226.1	

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	770494779210
Shipping Container ID No.	1
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	9.1 Degree C
8. Sample Condition	Intact
9. Sample Tags	Absent
Sample Tag Numbers	Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	12/06/2024
12.Time Received	10:10

			Correspoi	nding	B
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MYCZR9	N/A	9-7368	P5191-01	Intact
2	MYCZ53	N/A	9-7372	P5191-02	Intact
3	MYCZS4	N/A	9-7373	P5191-03	Intact
4	MYCZS5	N/A	9-7374	P5191-04	Intact
5	MYCZS6	N/A	9-7375	P5191-05	Intact
6	MYCZS7	N/A	9-7376	P5191-06	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 I	N/A	N/A	N/A

# \* Contact SMO and attach record of resolution

Reviewed By	(>>	Logbook No.	N/A	
Date	1211/24	Logbook Page No.	N/A	

# FORM DC-1 SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group		Page_2_of_V
Received By (Print Name	non Rena	Log-in Date 12/6/2024
Received By (Signature)		•
Case Number 51779	SDG No. MYCZR9	MA No. 3225.1,3226.1

	V.
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	770494779297
Shipping Container ID No.	2
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	9.0 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	12/06/2024
12.Time Received	10:10

			1137110:		
	1				_
			Correspondi	ng	Demondes
	EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned	Remarks: Condition of Sample Shipment, etc.
1	MYD022	N/A	9-7466	P5191-07	Intact
2	MYD023	N/A	9-7467	P5191-08	Intact
3	MYD024	N/A	9-7468	P5191-09	Intact
4	MYD025	N/A	9-7469	P5191-10	Intact
5	MYD026	N/A	9-7470	P5191-11	Intact
6	MYD027	N/A	9-7471	P5191-12	Intact
7	MYD033	N/A	9-7477	P5191-13	Intact
8	MYD033D	N/A	9-7477	P5191-14	Intact
9	MYD033S	N/A	9-7477	P5191-15	Intact
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 I	N/A	N/A	N/A
22	N/A	N/A I	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	1216/24	Logbook Page No.	N/A	

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

LAB NAME	Alliance Technical Group, LLC						
LAB CODE	ACE	CE					
CONTRACT NO.	68HERH20D0011						
CASE NO.	51779	SDG NO.	MYCZR9				
MA NO.	3225.1,3226.1	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   TROM					
1. SDG Cover Page		PAGE	NOs:	СН	ECK
2. Traffic Report/Chain of Custody Record(s)  3. Sample Log-In Sheet (DC-1)  4. CSF Inventory Sheet (DC-2)  5. SDG Narrative  9. 18		FROM	TO	LAB	REGION
2. Traffic Report/Chain of Custody Record(s)  3. Sample Log-In Sheet (DC-1)  4. CSF Inventory Sheet (DC-2)  5. SDG Narrative  9. 18 ✓  6. 6 8 ✓  7. Sample Analysis Data Forms (IA-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory OC as applicable  9. Instrument raw data by instrument Run forms or copies of Analysis or Instrument Logbooks  10. Original Preparation Data  11. Original Analysis or Instrument Run forms or copies of Preparation and Cleanup Forms or Supplicable  12. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  13. Raw GPC Data  14. Sample Analysis Data Forms (IA-OR, 1B-OR, and 1-IN) for each sample or Supplicable o					
3. Sample Log-In Sheet (DC-1) 4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 9 18 ✓ 6. Communication Logs NA NA V 7. Percent Solids Log  3. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory CC as applicable 9. Instrument and data by instrument Run forms or copies of Analysis or 690 702 ✓ 11. Original Preparation and Cleanup forms or copies of Analysis or 690 702 ✓ 12. Original Analysis or Instrument (PE)/Proficiency Testing (PT) Sample NA NA V 15. Raw GPC Data NA NA V 16. Raw Plorisil Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory CC as applicable NA NA NA ✓ 16. Raw Plorisil Data Analysis or TCLP and SPLP NA NA NA ✓ 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory CC as applicable NA NA NA ✓ 18. Instrument Logbooks 19. Forms and Data (ICP-MS) 19. Standard and Reagent Preparation Logs Or Sample Analysis or Sample analysis, laboratory CC as applicable NA NA NA ✓ 18. Instrument Logbooks 19. Original Preparation and Cleanup forms or copies of Preparation and Cleanup CC as applicable NA NA NA ✓ 19. Standard and Reagent Preparation Logs Original Preparation and Cleanup forms or copies of Preparation and Cleanup forms or copies of Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 22. Performance Evaluation (FE)/Proficiency Testing (FT) Sample NA NA NA ✓	1. SDG Cover Page	1	1	✓	
4. CSF Inventory Sheet (DC-2) 5. SDG Narrative 9 18	2. Traffic Report/Chain of Custody Record(s)	2	3	✓	
5. SDG Narrative 6. Communication Logs 7. Percent Solids Log 19 20 ✓  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 9. Instrument raw data by instrument in analysis order  Other Data 10. Standard and Reagent Preparation Logs 11. Original Preparation and Cleanup forms or copies of Preparation and 688 689 ✓ Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copies of Analysis or 19. NA NA ✓ Instructions 14. Extraction Logs for TCLP and SPLP 15. Raw GPC Data 16. Raw Florisil Data 17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument and total by instrument in analysis order  Other Data 19. Standard and Reagent Preparation Logs 20. Original Preparation and Cleanup forms or copies of Analysis or 716 2086 ✓  Other Data 21. Original Preparation and Cleanup forms or copies of Analysis or 716 2086 ✓  Other Data 22. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 22. Original Preparation and Cleanup forms or copies of Analysis or 2231 2249 ✓ 23. Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249 ✓ 23. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA NA ✓	3. Sample Log-In Sheet (DC-1)	4	5	<b>✓</b>	
6. Communication Logs 7. Percent Solids Log 19 20	4. CSF Inventory Sheet (DC-2)	6	8	<b>✓</b>	
Analysis Forms and Data (ICP-AES)  8. Sample Analysis Data Forms (IA-OR, IB-OR, and I-IN) for each sample or sample analysis, Laboratory QC as applicable 9. Instrument raw data by instrument in analysis order  Cother Data 10. Standard and Reagent Preparation Logs 551 687 ✓ 11. Original Preparation and Cleanup forms or copies of Preparation and 688 689 ✓ 12. Original Analysis or Instrument Run forms or copies of Analysis or 690 702 ✓ Instrument Logbooks 68. 889 699 702 ✓ Instrument Logbooks 79. 889 79. 889 899 79. 889 899 899 899 899 899 899 899 899 8	5. SDG Narrative	9	18	<b>✓</b>	
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 9. Instrument raw data by instrument in analysis order 34 550   Other Data  10. Standard and Reagent Preparation Logs 551 687  11. Original Preparation and Cleanup forms or copies of Preparation and 688 689  12. Original Analysis or Instrument Run forms or copies of Analysis or 690 702  13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA  14. Extraction Logs for TCLP and SPLP NA 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 18. Instrument raw data by instrument in analysis order 716 2086   Other Data  19. Standard and Reagent Preparation Logs 2087 2228  20. Original Preparation and Cleanup forms or copies of Preparation and 2229 2230  21. Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249  22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA V	6. Communication Logs	NA	NA	✓	
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or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis order  24 550	Analysis Forms and Data (ICP-AES)				
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10 . Standard and Reagent Preparation Logs  15 . 687		34	550	✓	
10 . Standard and Reagent Preparation Logs  15 . 687	Other Data				
Cleanup Logbooks  12 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks  13 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions  14 . Extraction Logs for TCLP and SPLP  NA NA NA   15 . Raw GPC Data  16 . Raw Florisil Data  NA 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  18 . Instrument raw data by instrument in analysis order  Other Data  19 . Standard and Reagent Preparation Logs  2087 2228   Cleanup Logbooks  21 . Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249   Instrument Logbooks  22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA    Analysis or Instrument Run forms or copies of Analysis or 2231 2249   NA NA    NA NA    NA NA    NA NA     NA NA     NA NA     NA NA       **  **  **  **  **  **  **  **	10. Standard and Reagent Preparation Logs	551	687	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks  13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  14. Extraction Logs for TCLP and SPLP  15. Raw GPC Data  16. Raw Florisil Data  17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable  18. Instrument raw data by instrument in analysis order  19. Standard and Reagent Preparation Logs  20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks  21. Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249 ✓ Instrument Logbooks  22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA ✓		688	689	✓	
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14. Extraction Logs for TCLP and SPLP  15. Raw GPC Data  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 18. Instrument raw data by instrument in analysis order  716 2086 ✓  Other Data  19. Standard and Reagent Preparation Logs  20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA ✓	13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	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 18. Instrument raw data by instrument in analysis order  716 2086 ✓  Other Data  19. Standard and Reagent Preparation Logs 2087 2228 ✓ 20. Original Preparation and Cleanup forms or copies of Preparation and 2229 2230 ✓ Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249 ✓ Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA ✓		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 18. Instrument raw data by instrument in analysis order  716 2086   Other Data  19. Standard and Reagent Preparation Logs 2087 2228   20. Original Preparation and Cleanup forms or copies of Preparation and 2229 2230   Cleanup Logbooks 21. Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249   Instrument Logbooks 22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA	15 . Raw GPC Data	NA	NA	✓	
17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis order  716 2086   Other Data  19. Standard and Reagent Preparation Logs  2087 2228  20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks  21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks  22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA ✓	16. Raw Florisil Data	NA	NA_		
or sample analysis, laboratory QC as applicable  18 . Instrument raw data by instrument in analysis order  716 2086 ✓  Other Data  19 . Standard and Reagent Preparation Logs  2087 2228 ✓  20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks  21 . Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249 ✓ Instrument Logbooks  22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA ✓	Analysis Forms and Data (ICP-MS)				
18. Instrument raw data by instrument in analysis order 716 2086 ✓  Other Data  19. Standard and Reagent Preparation Logs 2087 2228 ✓  20. Original Preparation and Cleanup forms or copies of Preparation and 2229 2230 ✓  Cleanup Logbooks  21. Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249 ✓  Instrument Logbooks  22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓		703	715	✓	
19. Standard and Reagent Preparation Logs  20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks  21. Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249 ✓ Instrument Logbooks  22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA ✓		716	2086	✓	
19. Standard and Reagent Preparation Logs  20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks  21. Original Analysis or Instrument Run forms or copies of Analysis or 2231 2249 ✓ Instrument Logbooks  22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample  NA NA ✓	Other Data				
Cleanup Logbooks  21. Original Analysis or Instrument Run forms or copies of Analysis or		2087	2228	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or		2229	2230	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA $\checkmark$	21. Original Analysis or Instrument Run forms or copies of Analysis or	2231	2249	_ ✓	
	22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	✓	

	PAGE 1	NOs:	СН	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	NA	NA			
or sample analysis, laboratory QC as applicable 27. Instrument raw data by instrument in analysis order	NA .	NA	<b>✓</b>		
Other Data					
28. Standard and Reagent Preparation Logs	NA	NA	<b>✓</b>		
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	NA	NA			
Instrument Logbooks 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA	NA	✓		
Instructions 32. Extraction Logs for TCLP and SPLP	NA	NA	✓		
33 . Raw GPC Data	NA	NA	<b>√</b>		
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	NA	NA	✓		
or sample analysis, laboratory QC as applicable 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	NA	NA	<b>✓</b>		
Cleanup Logbooks 39. Original Analysis or Instrument Run forms or copies of Analysis or	NA	NA	✓		
Instrument Logbooks 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample	NA_	NA	✓		
Instructions 41. Extraction Logs for TCLP and SPLP	NA	NA	✓		
42 . Raw GPC Data	NA	NA	<b>✓</b>	·	
43 . Raw Florisil Data	NA	NA	✓		

			PAGE NOs:		CH	CHECK	
			FROM	TO	LAB	REGION	
Additional							
44. EPA Shipp	ing/Receiving Documents						
Airbill (	No. of Shipments		2250	2251	✓	_	
Sample Ta	gs		NA	NA	✓		
Sample Lo	g-In Sheet (Lab)		2252	2253	✓		
45. Misc. Shi	pping/Receiving Records(list all individ	ual records)				-	
			NA	NA			
	Lab Sample Transfer Records and Tracking	Sheets					
(describe	or list)		2254	2255	,		
<u></u>					<b>√</b>		
45 011 5						-	
4/. Other Rec (describe	ords and related Communication Logs or list)						
	•		NA	NA	✓	_	
						-	
40 Commonto.							
48. Comments:							
Completed by:	:						
(CLP Lab)	(Signature)	Nimisha Pandya, Docume (Print Name & Title)	nt Contro	l Officer	<u> </u>	+ - \	
Audited by:	(Signature)	(Print Name & litte)			(Da	ce)	
(EPA)	(Ci an atuma)	(Doint Name C Hitle)			<u> </u>	+ - \	
	(Signature)	(Print Name & Title)			(Da	te)	



## **SDG NARRATIVE**

USEPA
SDG # MYCZR9
CASE # 51779
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P5191
MODIFIED ANALYSIS #3225.1, 3226.1

# A. Number of Samples and Date of Receipt

13 Soil samples was delivered to the laboratory intact on 12/06/2024

# 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.

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

# C. Cooler Temp

Indicator Bottle: Presence/Absence

Cooler: 9.1°C, 9.0°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.

## 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.



# 284 Sheffield Street Mountainside, NJ 07092

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

#### 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 MYCZR9 For Antimony:**

$$\begin{array}{ll} \mbox{If } C &= 0.0217254 \mbox{ ppm} \\ \mbox{Vf} &= 100 \mbox{ ml} \\ \mbox{W} &= 1.21 \mbox{ g} \end{array}$$

S = 0.993(99.3/100)

DF = 2

Concentration (mg/kg) = 
$$0.0217254 \text{ x} \frac{100}{1.21 \text{ x } 0.993} \text{x } 2$$

= 3.616289 mg/kg

= 3.6 mg/kg (Reported Result with Signification)

# **Calculation for ICP-MS Soil Sample:**

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

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



# 284 Sheffield Street Mountainside, NJ 07092

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 MYCZR9 For Antimony:**

If C = 0.67 ppb  

$$Vf = 500 \text{ ml}$$
  
 $W = 1.21 \text{ g}$   
 $S = 0.993(99.3/100)$   
 $DF = 1$   
Concentration (mg/kg) =  $0.67 \times \frac{500}{1.21 \times 0.993} \times 1 / 1000$   
 $= 0.2788111 \text{ mg/kg}$   
 $= 0.28 \text{ mg/kg (Reported Result with Signification)}$ 

# 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 (MYD033SRE) did meet requirements except for Arsenic. Spike sample (MYD033S) did meet requirements except for Arsenic, Chromium, Lead. Duplicate sample did meet requirements except for Arsenic . Serial Dilution did meet requirements.

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
Antimony	159Tb
Arsenic	89Y
Barium	159Tb



# 284 Sheffield Street Mountainside, NJ 07092

Widulitainside, 143 07072			
Beryllium	6Li		
Cadmium	159Tb		
Chromium	45Sc		
Cobalt	45Sc		
Copper	45Sc		
Lead	209Bi		
Nickel	45Sc		
Selenium	89Y		
Silver	159Tb		
Thallium	209Bi		
Vanadium	45Sc		
Zinc	45Sc		

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature	Name: Nimisha Pandya
Date	Title: Document Control Officer

Date: 09/11/2024	MA: 3225.1	<b>Title:</b> ICP-MS with Modified Preparation Method and Analysis of Soils with Additional Laboratory QC
Method Source: SFAM01.1	Method: ICP-MS	

Matrix: Soil/Sediment

## **Summary of Modification**

The purpose of this modified analysis is to prepare samples by EPA Draft Method 3050C (see below) with additional modified LCS and Matrix Spikes and analyze for the scheduled target analytes by ICP-MS. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

# I. Analyte Modifications

Not applicable

# II. Calibration and QC Requirements

Not applicable

The Laboratory shall:

- Use the Method Detection Limits (MDLs) determined for routine soil analyses (i.e., Method 200.8) to report the results for these analyses. The Laboratory is NOT required to perform an MDL study for Draft Method 3050C.
- Prepare and analyze an additional Laboratory Control Sample (LCS) spiked at the CRQL. Percent Recovery limits do NOT apply to this LCS and no corrective actions are required.
- Prepare a Matrix Spike spiked at three times the levels specified in the SOW.
- Prepare and analyze an additional Matrix Spike sample spiked at five times the levels specified for this Modified Analysis (i.e., 15x the levels specified in the SOW).
- Post-Digestion Spike requirements apply to the 5x Matrix Spike only.
- Post-Digestion Spike corrective actions apply to Sb.

# **III. Preparation and Method Modifications**

Not applicable

- Prepare and analyze the sample by EPA Draft Method 3050C as follows:
  - Mix sample thoroughly and transfer 1.00 1.50 g to a digestion vessel.
  - Add 10 mL 1:1 HNO₃ and 5 mL 1:1 HCl, heat the sample at 95°C (±3°C) and reflux 10-15 minutes.
  - o Add 5 mL concentrated HNO₃ and reflux for 30 minutes at 95°C (±3°C), repeat until digestion complete.
  - Concentrate sample to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Cool sample, add 2mL water and 3 mL 30% H<sub>2</sub>O<sub>2</sub>. Heat at 95°C (±3°C) and add additional 1 mL aliquots of 30% H<sub>2</sub>O<sub>2</sub> until effervescence is minimal.
  - Reduce volume to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - o Dilute to 100 mL with water, centrifuge or filter as necessary prior to analysis.
- The same sample extracts can be used for ICP-AES analysis. Separate Matrix Spikes and LCS will need to be prepared for both ICP-AES and ICP-MS analyses.
- Analyze the samples starting at an initial 5x dilution. Subsequently, dilute samples as necessary
  to bring the analyte concentrations within the calibration range of the instrument per the SOW.
- Method Blanks, both LCSs, and all instrument QC are to be analyzed undiluted.

# **IV. Special Reporting Requirements**

Not applicable

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and
  administrative problems encountered and the resolution or corrective actions taken. These
  problems may include interference problems encountered during analysis, dilutions, re-analyses
  and/or re-preparations performed, and problems with the analysis of samples. Also include a
  discussion of any SOW Modified Analyses, including a copy of the approved modification form
  with the SDG Narrative.
- Initial analysis data are reported with a dilution factor of 1.0 and a final volume of 500 mL, per the SOW.
- Report the additional LCS as "LCSD" in the raw data and in the EDD with QCType "Laboratory\_Control\_Sample\_Duplicate".
- Report the additional Matrix Spike with an "SRE" suffix in the raw data and EDD.
- Report any Post-Digestion Spike of the additional 5x Matrix Spike with an "ARE" suffix.

Date: 09/11/2024	MA: 3226.1	<b>Title:</b> ICP-AES with Modified Preparation Method and Analysis of Soils with Additional
		Laboratory QC
Method Source: SFAM01.1	Method: ICP-AES	

Matrix: Soil/Sediment

# **Summary of Modification**

The purpose of this modified analysis is to prepare samples by EPA Draft Method 3050C (see below) with additional modified LCS and Matrix Spikes and analyze for the scheduled target analytes by ICP-AES. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

# I. Analyte Modifications

Not applicable

# II. Calibration and QC Requirements

Not applicable

The Laboratory shall:

- Use the Method Detection Limits determined for routine soil analyses (i.e., Method 3050B) to report the results for these analyses. The Laboratory is NOT required to perform an MDL study for Draft Method 3050C.
- Prepare and analyze an additional Laboratory Control Sample (LCS) spiked at the CRQL. Percent Recovery limits do NOT apply to this LCS and no corrective actions are required.
- Prepare a Matrix Spike spiked at two times the levels specified in the SOW.
- Post-Digestion Spike requirements apply to the 2x Matrix Spike.
- Post-Digestion Spike corrective actions apply to Sb.

## **III. Preparation and Method Modifications**

Not applicable

- Prepare and analyze the sample by EPA Draft Method 3050C as follows:
  - $\circ$  Mix sample thoroughly and transfer 1.00 1.50 g to a digestion vessel.
  - $\circ$  Add 10 mL 1:1 HNO<sub>3</sub> and 5 mL 1:1 HCl, heat the sample at 95°C (±3°C) and reflux 10 -15 minutes.
  - Add 5 mL concentrated HNO₃ and reflux for 30 minutes at 95°C (±3°C), repeat until digestion complete.
  - Concentrate sample to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - $\circ$  Cool sample, add 2mL water and 3 mL 30% H<sub>2</sub>O<sub>2</sub>. Heat at 95°C (±3°C) and add additional 1 mL aliquots of 30% H<sub>2</sub>O<sub>2</sub> until effervescence is minimal.
  - Reduce volume to 5 mL or reflux without boiling for 2 hours at 95°C (±3°C).
  - Dilute to 100 mL with water, centrifuge or filter as necessary prior to analysis.
- The same sample extracts can also be used for ICP-MS analysis. Separate Matrix Spikes and LCS will need to be prepared for both ICP-AES and ICP-MS analyses.
- Analyze the samples starting at an initial 2x dilution. Subsequently, dilute samples as necessary to bring the analyte concentrations within the calibration range of the instrument per the SOW.
- Verify that the dilution was adequate to reduce interferents to within the method calibration range. This can optionally be verified by visual verification of the spectrogram or by analysis of a serial dilution. There are other acceptable means to provide assurance, e.g. some software may automatically provide guidance to the analyst.
- Method Blanks, both LCS, and all instrument QC are to be analyzed undiluted.

# **IV. Special Reporting Requirements**

Not applicable

- Ensure the SDG Narrative is updated as stated in the SOW, including any technical and
  administrative problems encountered and the resolution or corrective actions taken. These
  problems may include interference problems encountered during analysis, dilutions, re-analyses
  and/or re-preparations performed, and problems with the analysis of samples. Also include a
  discussion of any SOW Modified Analyses, including a copy of the approved modification form
  with the SDG Narrative.
- Initial analysis data are reported with a dilution factor of 2.0 and a final volume of 100 mL, per the SOW.
- Report the additional LCS as "LCSD" in the raw data and in the EDD with QCType "Laboratory\_Control\_Sample\_Duplicate".
- Ensure that up-to-date Interelement Correction Factors (IECs) are provided with the data package.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit
As 189.042 {479}		1	Fe	-0.000064	0.000000	No
TI 190.856 {477}	$\square$	5	Мо	-0.002450	0.000000	No
			Co	0.002248	0.000000	No
			Ti	-0.000500	0.000000	No
			Mn	0.000370	0.000000	No
			V	-0.012340	0.000000	No
Pb 220.353 {453}	Ø	6	Мо	-0.001480	0.000000	No
			Al	-0.000075	0.000000	No
			Cu	0.001400	0.000000	No
	***************************************		Fe	0.000030	0.000000	No
			Mn	0.000340	0.000000	No
		• • • • • • • • • • • • • • • • • • • •	Ni	0.000630	0.000000	No
Se 196.090 {472}	Ø	3	Fe	-0.000308	0.000000	No
	K		Mn	0.000470	0.000000	No
			Со	-0.000630	0.000000	No
Sb 206.833 {463}	Ø	4	Cr	0.010700	0.000000	No
			V	-0.001168	0.000000	No
			Мо	-0.002850	0.000000	No
	***************************************		Ni	-0.000440	0.000000	No
Al 396.152 { 85}	Ø	1	Mo	0.037230	0.000000	No
Ba 493.409 { 68}	H	None		0.007200	0.000000	
Be 234.861 {144}	X	3	Мо	-0.000320	0.000000	No
DC 204.007 (144)			Fe	0.000010	0.000000	No
	***************************************		Mn			
Cd 214.438 {457}	NZ	1		-0.000047	0.000000	No
	<u> </u>		Fe	0.000040	0.000000	No
Ca 373.690 { 90}		None	14.	0.000400		
Cr 267.716 {126}	<u> </u>	1	Mn 	0.000160	0.000000	No
Co 228.616 {448}		2	Ti	0.001840	0.000000	No
Cu 224 754 (104)	N 2		Mo	-0.001230	0.000000	No
Cu 324.754 {104}		4	Co	-0.000796	0.000000	No
			Fe	-0.000100	0.000000	No
			Mn	0.000345	0.000000	No
			Ni	0.000895	0.000000	No
Fe 259.837 {130}		None			***************************************	
Mn 257.610 {131}		1 [	Ni	0.000897	0.000000	No
Mg 279.079 {121}		None				
Ni 231.604 {446}		None				
Ag 328.068 {103}		3	Fe	-0.000100	0.000000	No
			Mn	0.000146	0.000000	No
			V	-0.000889	0.000000	No
Na 818.326 { 41}		None				
V 292.402 {115}		2	Мо	-0.008480	0.000000	No
			Cr	-0.002220	0.000000	No
Zn 206.200 {464}		None		l		
Zn 213.856 {158}		1 ]	Ni	0.007280	0.000000	No
< 769.896 { 44}		None				
P 177.495 {490}		2	Ni	0.001640	0.000000	No
			Cu	-0.012530	0.000000	No
3 249.678 {135}	X	3	Со	0.002880	0.000000	No
			V	-0.002000	0.000000	No
	Ī	·····	Fe	-0.001360	0.000000	No
Ло 202.030 {467}		None				
§ 182.034 {485}	A	2	Мо	-0.008000	0.000000	No
			Mn	0.002700	0.000000	No

Element, Wavelength and Order	l Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Si 251.611 {134}	$\boxtimes$	2	Мо	0.010520	0.000000	No
			Ti	0.005650	0.000000	No
Sn 189.989 {478		None	·····	· · · · · · · · · · · · · · · · · · ·	· ·	
Ti 336.121 {100}	$\square$	1	Ni	-0.001000	0.000000	No
Li 670.784 { 50}		None		İ		· · · · · · · · · · · · · · · · · · ·
Y 224.306 {450}*		None			· • · · · · · · · · · · · · · · · · · ·	
Y 360.073 { 94}*		None				·
Y 371.030 { 91}*		None				
Y 224.306 {150}*		None			. <u></u>	<u>:</u>
In 230.606 {446}*		None		***************************************	ļ	
Sr 407.771 { 83}		None	***************************************	***************************************	<u> </u>	



## PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/11/2024

OVENTEMP OUT Celsius(°C): 103

Time OUT: 08:00

Out Date: 12/11/2024

Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4

Thermometer ID: % SOLID- OVEN

OVENTEMP IN Celsius (°C): 107

Time IN: 15:05
In Date: 12/10/2024

Weight Check 1.0g: 1.00 Weight Check 10g: 10.00

OvenID: M OVEN#1

**QC:**LB133862

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Sample	Dish+Dry Sample Wt(g)(C)	% Solid	Comments
P5191-01	MYCZR9	1	1.15	8.51	9.66	9.6	99.3	
P5191-02	MYCZS3	2	1.15	8.74	9.89	8.88	88.4	
P5191-03	MYCZS4	3	1.17	8.70	9.87	9.1	91.1	
P5191-04	MYCZS5	4	1.17	8.36	9.53	8.73	90.4	
P5191-05	MYCZS6	5	1.16	8.75	9.91	9.00	89.6	
P5191-06	MYCZS7	6	1.14	8.39	9.53	9.14	95.4	
P5191-07	MYD022	7	1.14	8.62	9.76	9.57	97.8	
P5191-08	MYD023	8	1.16	8.58	9.74	9.55	97.8	
P5191-09	MYD024	9	1.17	8.45	9.62	9.44	97.9	
P5191-10	MYD025	10	1.15	8.39	9.54	9.36	97.9	
P5191-11	MYD026	11	1.15	8.36	9.51	9.28	97.2	
P5191-12	MYD027	12	1.15	8.68	9.83	9.57	97.0	
P5191-13	MYD033	13	1.14	8.79	9.93	9.84	99.0	
P5191-14	MYD033D	14	1.14	8.79	9.93	9.84	99.0	
P5191-15	MYD033S	15	1.14	8.79	9.93	9.84	99.0	

# WORKLIST(Hardcopy Internal Chain)

WorkList Name: %1-p5191

WorkList ID: 186186

Department: Wet-Chemistry

B133862

					wet-Chemistry		Date: 12-10.	12-10-2024 12:24:24
Sample								47.17.71
	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage		Collect Date Method
D5101.01						Location		
0-16-16-1	MYCZR9	Solid	Dercent Solida					
P5191-02	MYCZS3	S Silo	Spilos iliasis	Cool 4 deg C	USEP01	C21	09/18/202	09/18/2024 Chemtech -so
P5191-03	MVC784	Pipo	rercent Solids	Cool 4 deg C	USEP01	C21	000000000000000000000000000000000000000	
	45.20 IVI	Solid	Percent Solids	Cool 4 dea C	Pod Pal		03/16/2024	4 Chemtech -SO
F5191-04	MYCZS5	Solid	Percent Solids		COSECUT	C21	09/18/2024	4 Chemtech -SO
P5191-05	MYCZS6	7,100	Spilos iliasis	Cool 4 deg C	USEP01	C21	09/18/2024	
P5191-06	MYCZSZ		rercent Solids	Cool 4 deg C	USEP01	C21	00/40/00/	
	1020	Solid	Percent Solids	Cool 4 dea C			202/01/05	t Chemtech -SO
P5191-07	MYD022	Solid	Percent Solide		USEP01	C21	09/18/2024	Chemtech -SO
P5191-08	MYD023	Sico O		Cool 4 deg C	USEP01	C21	09/20/2024	
P5191-09	NO CONTRACTOR OF THE PROPERTY	BIDO	Percent Solids	Cool 4 deg C	USEP01	724		
	INIT DOZ4	Solid	Percent Solids	0 - 1 - 1000		- 45	09/20/2024	Chemtech -SO
P5191-10	MYD025	Solid	Dorock Control	Cool 4 deg C	USEP01	C21	09/20/2024	Chemtech -SO
P5191-11	MYDOSE		Spilos Piere	Cool 4 deg C	USEP01	C21	700/00/00	
D5101 10	0702	Solid	Percent Solids	Cool 4 deg C	LISEDO1	700	0312012024	Chemtech -SO
21-1610	MYD027	Solid	Percent Solids	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		021	09/20/2024	Chemtech -SO
P5191-13	MYD033	Solid		Cool 4 deg C	USEP01	C21	09/20/2024	Chemtech -SO
P5191-14			reicent solids	Cool 4 deg C	USEP01	C24	0.000	
	Deson In	Solid	Percent Solids	Cool 4 dea C			09/19/2024	Chemtech -SO
P5191-15	MYD033S	Solid	Percent Collido	S S S S S S S S S S S S S S S S S S S	USEP01	C21	09/19/2024	Chemtech -SO
		1		Cool 4 deg C	USEP01	C21	09/19/2024	09/19/2024 Chemtech -co
								50

12-10-24 Date/Time

Raw Sample Received by: Raw Sample Relinquished by:

Raw Sample Received by: Date/Time (2~1074)

Raw Sample Relinquished by:

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