| SDG | COVER | PAGE |
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| Lab Name: | Alliance | Technical Group, LLC | Contract | 68HERH201 | 00011 | |
|------------|----------|----------------------|----------|--------------------|-------------------|-----------------|
| Lab Code: | ACE | Case No.: 51772 | MA No.: | 3225.1,3226 | 5.1 | SDG No.: MYDB92 |
| SOW No. : | SFAM01.1 | | | | | |
| EPA Sample | No. | Lab Sample Id | ICP-AES | Analysis ICP-MS | Method Mercury | Cyanide |
| MYDB92 | | P4317-01 | X | Х | | |
| MYDB93 | | P4317-02 | X | Х | | |
| MYDB94 | | P4317-03 | X | Х | | |
| MYDB95 | | P4317-04 | X | Х | | |
| MYDB96 | | P4317-05 | X | Х | | |
| MYDB97 | | P4317-06 | X | Х | | |
| MYDB98 | | P4317-07 | X | Х | | |
| MYDB99 | | P4317-08 | X | Х | | |
| MYDBA0 | | P4317-09 | X | Х | | |
| MYDBAOD | | P4317-10 | X | Х | | |
| MYDBA0S | | P4317-11 | X | Х | | |
| MYDBA1 | | P4317-12 | X | Х | | |
| MYDBA2 | | P4317-13 | X | Х | | |
| MYDBA3 | | P4317-14 | X | Х | | |
| MYDBA4 | | P4317-15 | X | Х | | |
| MYDBA5 | | P4317-16 | X | Х | | |
| MYDBA6 | | P4317-17 | X | Х | | |
| MYDBA7 | | P4317-18 | X | Х | | |
| MYDBA9 | | P4317-19 | Х | Х | | |
| mydbb0 | | P4317-20 | Х | Х | | |
| MYDBB1 | | P4317-21 | Х | Х | | |
| MYDBB2 | | P4317-22 | Х | 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: | |
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CHAIN OF CUSTODY RECORD

Cooler #: 51772-080 Case #: 51772

SDG # MYDB92 No: 9-062124-091430-0080 Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-728-3151

| Custodv # | Shipment for Case Complete? N | Shipment for Case Complete? N | 1+ Metals: Ag, As, Ba, Be, Cd, | A DATE A DATE A DATE OF ATAL & DATE OF TAX & SAC 5378 - Special Instructions: ICP-AES 11+ Metals: Ag. As, Ba | 2 0 5378 - C | 2711 A DODE 02 To | | |
|-----------|-------------------------------|-------------------------------|--------------------------------|--|--------------|-------------------|------------|----------------------|
| é | | - | | (CP-AES 11(21) | Grab | Soil/ REAC | MYDBA7 | 107A_3-A-0002- 01 |
| 15 | 06/21/2024 10:08 | | 0.5385 (None) (1) | | Grap | SOII/ REAC | MYDBA6 | 107A_3-C-0009- 01 |
| 1) | 06/21/2024 10:18 | 107A 3-C-0009 | 9-5384 (None) (1) | | Clab | | INIT DAG | 2741-A-0002-01 |
| 1-1-1 | 06/21/2024 08:08 | 2741-A-0002 | 9-5383 (None) (1) | ICP-AES 11(21) | Grah | CALL DEAC | | 2/41-0-000 04 |
| 1 | 06/21/2024 08:09 | 2741-A-0001 | 9-5382 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBA4 | 2741-A-0001-01 |
| FT | 06/21/2024 08.10 | 2741-A-0003 | 9-5381 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBA3 | 2741-A-0003-01 |
| | 00/21/2024 00.12 | 2/41-8-0000 | 9-5380 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBA2 | 2741-B-0006-01 |
| | 06/04/2024 00.10 | 2/41-5-0000 | 9-5379 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBA1 | 2741-B-0008-01 |
| | | 2/41-A-0008 | 9-5378 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBA0 | 2741-A-0005-03 |
| 2. | | 2141-0-0002 | 9-5377 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDB99 | 2741-B-0002-01 |
| 5 | NR/21/2024 08-16 | 27/1_B_0002 | | | Grap | Soil/ REAC | MYDB98 | 2741-A-0004-01 |
| فر | 06/21/2024 08:17 | 2741-A-0004 | 0-5376 (None) (1) | | | | MADRA/ | 2741-B-0004-01 |
| c | 06/21/2024 08:21 | 2741-B-0004 | 9-5375 (None) (1) | ICP-AES 11(21) | Crah | | | 2/41-0-0000-01 |
| | 06/21/2024 08:22 | 2741-B-0003 | 9-5374 (None) (1) | ICP-AES 11(21) | Grab | Snill RFAC | MYDROA | 2744 D 0002 04 |
|) | 0012112024 00.20 | 2/41-6-0007 | 9-5373 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDB95 | 2741-R-0007-01 |
| \$ | | 2741-D-0000 | 9-53/2 (NOUS) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDB94 | 2741-B-0009-01 |
| 22 | | | | ICP-AES TI(ZT) | Grab | Soil/ REAC | MYDB93 | 2741-B-0001-01 |
| ٢ | 06/21/2024 08:25 | | D 5371 (None) (1) | | Grab | Soil/ REAC | MYDB92 | 2741-B-0005-01 |
| - | 06/21/2024 08:26 | 2741-B-0005 | 9-5370 (None) (1) | | | | Sample NO. | |
| Only | Date/Time | Location | Tag/Preservative/Bottles | Analysis/Turnaround (Davs) | Coll. | Matrix/Sampler | CLP | Sample Identifier |

Analysis Key: ICP-AES 11=ICP-AES 11+Metals

Sample(s) to be used for Lab QC: 2741-A-0005-03 Tag 9-5378 - Special Instructions: ICP-AES 11+ Metals: Ag, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, V, Zn

Page 2 of 3

USEPA CLP COC (LAB COPY)

CarrierName: FedEx DateShipped: 10/3/2024

e.

| 56-5 | No Temp | | | | | | | |
|----------------|---|-------------------------------|--|---|------------------|--|----------------|--|
| end Inter | 5 have | | | | | | 010 | |
| 1 23.2 | ZR-Cart | 10-4-24 | CK-1 | 0001 1219101 | Wistow | KI KI | AA | SHIP TO |
| n Upon Receipt | Sample Condition Upon Receipt |) Date/Time | Received by (Signature and Organization) | | Organization) | Relinquisped by (Signature and Organization) | Relinquisted t | Items/Reason |
| | | | | | | ES 11+Metals | AES 11=ICP-A | Analysis Key: ICP-AES 11=ICP-AES 11+Metals |
| Custody # | Samples Transferred From Chain of Custody # | Samples Transfer | s, TI, V, Zn | Special Instructions: ICP-AES 11+ Metals: Ag, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, V, Zn | a, Be, Cd, Co, (| Metals: Ag, As, B | :: ICP-AES 11+ | Special Instructions |
| | e Complete? N | Shipment for Case Complete? N | | | | | | |
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| | | | | | | | | |
| | | | 9-5391 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBB3 | 107A_3-C-0006- 01 |
| 5 | 06/21/2024 10:13 | | 9-5390 (North) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBB2 | 107A_3-A-0001- |
| - | 06/21/2024 10:12 | | 9-0009 (Nume) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBB1 | 107A_3-C-0007- |
| ā (1 | 06/21/2024 10:11 | | 9-5388 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBBO | 107A_3-C-0002- 01 |
| | 06/21/2024 10:10 | 107A_3-A-0007 | 9-5387 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBA9 | 107A_3-A-0007- 01 |
| | 06/21/2024 10:09 | - | 9-5386 (None) (1) | ICP-AES 11(21) | Grab | Soil/ REAC | MYDBA8 | 107A_3-C-0005- |
| Only | - | - | | Analysis/Turnaround (Days) | Coll. | Matrix/Sampler | CLP | Sample Identifier |

68HERH20D0011

CHAIN OF CUSTODY RECORD

Page 3 of 3

CarrierName: FedEx DateShipped: 10/3/2024

USEPA CLP COC (LAB COPY)

Case #: 51772 Cooler #: 51772-080

SDG # MYDB92

No: 9-062124-091430-0080

Lab: Alliance Technical Group LLC Lab Contact: Mohammad Ahmed Lab Phone: 908-728-3151

FORM DC-1

SAMPLE LOG-IN SHEET

| Lab Name : Allia | ance Technical Group, | LLC | | | Page_1_of_ | | | |
|---|-----------------------|-----|-----------------|-----------------------|------------|--------------|-------------------|--------------------------------|
| Received By (Pr | int Name | arc | - Rene | | | Log-in Date | 10/4/20 | 24 |
| Received By (Sig | | | ~ | | | | | |
| Jase Number | 51772 | SDG | No. MYDB | 92 | | MA No. 32 | 25.1,3226.1 | |
| | 1 | | -2-1 | | | | | |
| Remarks: | | | | | | Correspondir | 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 Lab # | of Sample Shipment, etc. |
| 3. Traffic Reports/Chain Of | Present | 1 | MYDB92 | N/A | 9-5370 | | P4317-01 | Intact |
| Custody Records | | 2 | MYDB93 | N/A | 9-5371 | | P4317-02 | Intact |
| 4. Airbill | Descent | 3 | MYDB94 | N/A | 9-5372 | | P4317-03 | Intact |
| 4. Airdill | Present | 4 | MYDB95 | N/A | 9-5373 | | P4317-04 | Intact |
| 5. Airbill No. and | 779000576181 | 5 | MYDB96 | N/A | 9-5374 | | P4317-05 | Intact |
| Shipping Container ID No. | 1 | 6 | MYDB97 | N/A | 9-5375 | | P4317-06 | Intact |
| | | 7 | MYDB98 | N/A | 9-5376 | | P4317-07 | Intact |
| 6. Shipping Container Temperature | Absent | 8 | MYDB99 | N/A | 9-5377 | | P4317-08 | Intact |
| Indicator Bottle | | 9 | MYDBA0 | N/A | 9-5378 | | P4317-09 | Intact |
| 7. Shipping Container | 23.2 Degree C | 10 | MYDBA0D | N/A | 9-5378 | | P4317-10 | Intact |
| Temperature | 23.2 Degree C | 11 | MYDBA0S | N/A | 9-5378 | | P4317-11 | Intact |
| 8. Sample | Intact | 12 | MYDBA1 | N/A | 9-5379 | | P4317-12 | Intact |
| Condition | | 13 | MYDBA2 | N/A | 9-5380 | | P4317-13 | Intact |
| | | 14 | MYDBA3 | N/A | 9-5381 | | P4317-14 | Intact |
| 9. Sample Tags | Absent | 15 | MYDBA4 | N/A | 9-5382 | | P4317-15 | Intact |
| Sample Tag Numbers | Listed on Traffic | 16 | MYDBA5 | N/A | 9-5383 | | P4317-16 | intact |
| | Report | 17 | MYDBA6 | N/A | 9-5384 | | P4317-17 | Intact |
| Does information on Traffic | Yes | 18 | MYDBA7 | N/A | 9-5385 | | P4317-18 | Intact |
| Reports/Chain of | | 19 | MYDBA9 | N/A | 9-5387 | | P4317-19 | Intact |
| Custody Records and Sample Tags | | 20 | MYDBB0 | N/A | 9-5388 | | P4317-20 | Intact |
| agree ? | | 21 | MYDBB1 | N/A | 9-5389 | | P4317-21 | Intact |
| 11. Date Received at | 10/04/2024 | 22 | MYDBB2 | N/A | 9-5390 | | P4317-22 | Intact |
| Lab | | 23 | N/A | N/A | N/A | | N/A | N/A |
| 12.Time Received | 09:39 | | | | | | | |

* Contact SMO and attach record of resolution

| Reviewed By | M | Logbook No. | N/A | |
|-------------|-----------|------------------|-----|--|
| Date | 10/11/501 | Logbook Page No. | N/A | |

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

| Alliance Technical | l Group, LLC | |
|--------------------|-------------------------------|--------------------------------|
| ACE | | |
| 68HERH20D0011 | | |
| 51772 | SDG NO. | MYDB92 |
| 3225.1,3226.1 | SOW NO. | SFAM01.1 |
| | ACE 68HERH20D0011 51772 | 68HERH20D0011 51772 SDG NO. |

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.4)

| | PAGE FROM | NOs: TO | <u>CH</u> LAB | <u>ECK</u> 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 | 1 | |
| 4. CSF Inventory Sheet (DC-2) | 5 | 7 | ~ | |
| 5. SDG Narrative | 8 | 17 | ✓ | |
| 6. Communication Logs | NA | NA | ~ | |
| 7. Percent Solids Log | 18 | 20 | ✓ | |
| Analysis Forms and Data (ICP-AES) | | | | |
| 8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-I | N) for each sample 21 | 40 | ✓ | |
| or sample analysis, laboratory QC as applicable 9. Instrument raw data by instrument in analysis ord | er 41 | 982 | ✓ | |
| Other Data | | | | |
| 10. Standard and Reagent Preparation Logs | 983 | 1167 | | |
| 11. Original Preparation and Cleanup forms or copies | of Preparation and 1168 | 1171 | ✓ | |
| Cleanup Logbooks 12. Original Analysis or Instrument Run forms or copi Instrument Logbooks | es of Analysis or 1172 | 1196 | | |
| 13. Performance Evaluation (PE)/Proficiency Testing (Instructions | PT) Sample 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-I | N) for each sample 1197 | 1216 | ✓ | |
| or sample analysis, laboratory QC as applicable 18. Instrument raw data by instrument in analysis ord | er 1217 | 2839 | ✓ | |
| Other Data | | | | |
| 19. Standard and Reagent Preparation Logs | 2840 | 3000 | ✓ | |
| 20. Original Preparation and Cleanup forms or copies Cleanup Logbooks | of Preparation and 3001 | 3004 | ✓ | |
| Original Analysis or Instrument Run forms or copi Instrument Logbooks | es of Analysis or 3005 | 3027 | ✓ | |
| Performance Evaluation (PE)/Proficiency Testing (Instructions | PT) Sample 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 | ТО | LAB | REGION |
| 25. Raw Florisil Data NA NA NA Analysis Forms and Data (Mercury) 26. Sample analysis, laboratory QC as applicable NA NA ✓ 27. Instrument raw data by instrument in analysis order NA NA ✓ 27. Instrument raw data by instrument in analysis order NA NA ✓ 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 (FE)/Proficiency Testing (FT) Sample Instructions NA NA ✓ 32. Extraction Logs for TCLP and SPLP NA NA ✓ 33. Raw GPC Data NA NA ✓ 34. Raw Florisil Data NA ✓ ✓ 35. Sample Analysis, Laboratory QC as applicable NA NA ✓ 36. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks ✓ ✓ ✓ 37. Standard and Reagent Preparation Logs NA ✓ ✓ ✓ | 23. Extraction Logs for TCLP and SPLP | 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 ✓ ✓ 35. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-TN) for each sample or sample analysis, laboratory QC as applicable NA NA ✓ 36. Instrument raw data by instrument in analysis order NA NA ✓ ✓ 36. Joriginal Preparation Logs NA NA ✓ ✓ 37. Standard and Reagent Preparat | 24. Raw GPC Data | NA | NA | _ ✓ | |
| 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) | | | | |
| 27. Instrument raw data by instrument in analysis order NA 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 ✓ 29. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA ✓ 30. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA ✓ 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA ✓ 32. Extraction Logs for TCLP and SPLF 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 ✓ 37. Standard and Reagent Preparation Logs NA NA ✓ ✓ <tr< td=""><td></td><td>NA</td><td>NA</td><td>✓</td><td></td></tr<> | | NA | NA | ✓ | |
| 28. Standard and Reagent Preparation Logs NA NA NA 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA NA 30. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA NA NA 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA NA NA 33. Raw GPC Data NA NA NA NA NA NA NA 34. Raw Florisil Data NA NA <td></td> <td>NA</td> <td>NA</td> <td>✓</td> <td></td> | | NA | NA | ✓ | |
| 29. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA< | Other Data | | | | |
| Cleanup Logbooks NA NA NA 30. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA NA NA 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA NA 33. Raw GPC Data NA NA NA NA NA NA 34. Raw Florisil Data NA NA NA NA NA NA Analysis Forms and Data (Cyanide) Sample Analysis, laboratory QC as applicable NA NA NA NA 36. Instrument raw data by instrument in analysis order NA NA NA NA NA 37. Standard and Reagent Preparation Logs NA NA NA NA NA 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA NA NA NA 39. Original Analysis or Instrument Run forms or copies of Analysis or Instructions NA NA V NA NA 31. Extraction Logs for TCLP and SPLP NA NA V NA | 28. Standard and Reagent Preparation Logs | NA | NA | ✓ | |
| 30. Original Analysis or Instrument Run forms or copies of Analysis or NA NA< | | NA | NA | ✓ | |
| 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA NA 32. Extraction Logs for TCLP and SPLP NA NA NA NA 33. Raw GPC Data NA NA NA NA NA 34. Raw Florisil Data NA NA NA NA NA Analysis Forms and Data (Cyanide) 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 Other Data 33. 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 | 30. Original Analysis or Instrument Run forms or copies of Analysis or | NA | NA | | |
| 32. Extraction Logs for TCLP and SPLP NA NA NA 33. Raw GPC Data NA NA NA NA 34. Raw Florisil Data NA NA NA NA Analysis Forms and Data (Cyanide) NA NA 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 NA NA 36. Instrument raw data by instrument in analysis order NA NA NA NA Other Data 37. Standard and Reagent Preparation Logs NA NA NA ✓ 37. Standard and Reagent Preparation Logs NA NA V | 31. Performance Evaluation (PE)/Proficiency Testing (PT) Sample | NA | NA | ✓ | · |
| 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 | _ ✓ | |
| 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 36. Instrument raw data by instrument in analysis order NA NA Other Data 37. Standard and Reagent Preparation Logs NA 38. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks NA 39. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks NA 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions NA 41. Extraction Logs for TCLP and SPLP NA 42. Raw GPC Data NA | 33. Raw GPC Data | 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 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 | ✓ | |
| 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 | ✓ | |
| 40. Performance Evaluation (PE)/Proficiency Testing (PT) Sample NA NA ✓ 1. Extraction Logs for TCLP and SPLP NA NA ✓ 42. Raw GPC Data NA NA ✓ | 39. Original Analysis or Instrument Run forms or copies of Analysis or | NA | NA | | |
| 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 | | CHECK | |
|-----|------------------------------|---|---|------|---------|-------|--------|
| | | | | FROM | TO | LAB | REGION |
| | itional EPA Shippi | ng/Receiving Documents | | | | | |
| | Airbill (N | o. of Shipments) | | 3028 | 3028 | ✓ | |
| | Sample Tag | s | | NA | NA | ✓ | |
| | Sample Log | -In Sheet (Lab) | | 3029 | 3031 | ✓ | |
| 45. | Misc. Ship | ping/Receiving Records(list all individ | dual records) | NA | NA | ✓ | |
| | | | | | | | |
| 46. | Internal L (describe | ab Sample Transfer Records and Tracking or list) | g Sheets | 3032 | 3039 | ✓ | |
| 47. | Other Reco | rds and related Communication Logs | | | | | |
| | (describe | or list) | | NA | NA | _ ✓ | |
| | | | | | | | |
| 48. | Comments: | | | | | | |
| | | | | | | | |
| | mpleted by: LP Lab) | (Signature) | Nimisha Pandya, Docu (Print Name & Title | | Officer | | |
| | dited by: PA) | (Signature) | (FIINC NAME & IITIE | 1 | | (Dat | |
| | | (Signature) | (Print Name & Title |) | | (Dat | te) |



284 Sheffield Street Mountainside, NJ 07092

SDG NARRATIVE

USEPA SDG # MYDB92 CASE # 51772 CONTRACT # 68HERH20D0011 SOW# SFAM01.1 LAB NAME: Alliance Technical Group, LLC LAB CODE: ACE LAB ORDER ID # P4317 MODIFIED ANALYSIS #3225.1, 3226.1

A. Number of Samples and Date of Receipt

20 Soil samples were delivered to the laboratory intact on 10/04/2024.

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: 23.2°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.



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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 MYDB92 For Antimony:

If C = 0.0065354 ppm Vf = 100 ml W = 1.03gS = 0.986(98.6/100)DF = 1

Concentration (mg/kg) = $0.0065354 \text{ x} \frac{100}{1.03 \text{ x} 0.986} \text{ x} 1$

= 1.28702 mg/kg

= 1.3 mg/kg (Reported Result with Signification)

Calculation for ICP-MS Soil Sample:

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

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

Where,

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

Vf = Final digestion volume (mL)

W = Initial aliquot amount (g) (Fraction of Sample amount taken in prep)

S = % Solids / 100 (Fraction of Percent Solids)



284 Sheffield Street Mountainside, NJ 07092 DF = Dilution Factor

Example Calculation For Sample MYDB92 For Antimony :

If C = 1.13 ppb Vf = 500 ml W = 1.03 g S = 0.986(98.6/100) DF = 1 Concentration (mg/kg) = $1.13 \times \frac{500}{1.03 \times 0.986} \times 1 / 1000$ = 0.5563 mg/kg = 0.56 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 Antimony, Arsenic, Selenium. Spike sample(MYDBA0SRE) did meet requirements except for Lead, Silver. Spike sample (MYDBA0S)did meet requirements except for Arsenic, Beryllium. Duplicate sample did meet requirements. 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.

| Target Analyte | Associated Internal Standard |
|----------------|---------------------------------|
| Antimony | 159Tb |
| Arsenic | 89Y |
| Barium | 159Tb |
| Beryllium | 6Li |
| Cadmium | 159Tb |
| Chromium | 45Sc |
| Cobalt | 45Sc |

Internal Standard Association for ICP-MS analysis.



284 Sheffield Street Mountainside, NJ 07092

| 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

Name: Nimisha Pandya

Date _____

Title: Document Control Officer

| | MA: 3225.1 | Title: 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 | | | | | | |
| with additional modified LCS and Unless specifically modified by th | Matrix Spikes and his modification, all | amples by EPA Draft Method 3050C (see below) analyze for the scheduled target analytes by ICP-MS. analyses, Quality Control (QC), and reporting rrent EPA agreement remain unchanged and in full | | | | |
| I. Analyte Modifications | | Not applicable | | | | |
| II. Calibration and QC Requirements Not applicable | | | | | | |
| 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. | | | | | | |
| Prepare and analyze an a for this Modified Analysis Post-Digestion Spike required | ndditional Matrix Sp s (i.e., 15x the levels uirements apply to | ike sample spiked at five times the levels specified s specified in the SOW). the 5x Matrix Spike only. | | | | |
| Prepare and analyze an a for this Modified Analysis Post-Digestion Spike required | additional Matrix Sp s (i.e., 15x the levels uirements apply to rective actions apply | ike sample spiked at five times the levels specified s specified in the SOW). the 5x Matrix Spike only. | | | | |

IV. Special Reporting Requirements

The Laboratory shall:

- 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 | Title: 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 | | |
| with additional modified LCS an AES. Unless specifically modified | nd Matrix Spikes and a ed by this modification | amples by EPA Draft Method 3050C (see below) analyze for the scheduled target analytes by ICP- , all analyses, Quality Control (QC), and reporting rent EPA agreement remain unchanged and in full |
| I. Analyte Modifications | | Not applicable |
| II. Calibration and QC Require | ments | Not applicable |
| for Draft Method 3050 Prepare and analyze ar Recovery limits do NOT Prepare a Matrix Spike Post-Digestion Spike re | C. n additional Laborator F apply to this LCS and spiked at two times th equirements apply to t | • |
| Post-Digestion Spike co | ···· | |
| III. Preparation and Method M The Laboratory shall: | lodifications | Not applicable |
| Mix sample the Add 10 mL 1:1 minutes. | proughly and transfer | t Method 3050C as follows: 1.00 – 1.50 g to a digestion vessel. Cl, heat the sample at 95°C (±3°C) and reflux 10 -15 |

• Method Blanks, both LCS, and all instrument QC are to be analyzed undiluted.

IV. Special Reporting Requirements

The Laboratory shall:

- 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.

| v | Element, Vavelength and Order | Use? | # IECs | IEC | k1 | K2 | Calc-in-fit |
|-----------|--|-------------|----------|-----|-----------|----------|-------------|
| A | s 189.042 {479} | \boxtimes | 1 | Fe | -0.000064 | 0.000000 | No |
| TI | 190.856 {477} | | 5 | Мо | -0.002450 | 0.000000 | No |
| Ī | | | | Co | 0.002248 | 0.000000 | No |
| 1 | | | ···· | Ti | -0.000500 | 0.000000 | No |
| Ť | | | | Mn | 0.000370 | 0.000000 | No |
| Î | | | | V | -0.012340 | 0.000000 | No |
| Pt | 220.353 {453} | M | 6 | Мо | -0.001480 | 0.000000 | No |
| 1 | | | | Al | -0.000075 | 0.000000 | No |
| | | | | Cu | 0.001400 | 0.000000 | No |
| 1 | | •••••• | | Fe | 0.000030 | 0.000000 | No |
| 1 | | | | Mn | 0.000340 | 0.000000 | No |
| | | | | Ni | 0.000630 | 0.000000 | No |
| Se | 196.090 {472} | | 3 | Fe | -0.000308 | 0.000000 | No |
| | 1001000 (112) | | 1 | Mn | 0.000470 | 0.000000 | No |
| | | | • | Co | -0.000630 | 0.000000 | No |
| Sh | 206.833 {463} | \boxtimes | 4 | Cr | 0.010700 | 0.000000 | No |
| | 200.000 (100) | | | V | -0.001168 | 0.000000 | No |
| | | | | Mo | -0.002850 | 0.000000 | No |
| | | | | Ni | -0.002850 | | |
| Δ1 | 396.152 { 85} | | 4 | å | | 0.000000 | No |
| | 493.409 { 68} | | Nono | Мо | 0.037230 | 0.000000 | No |
| | 234.861 {144} | | None | Ma | 0.000000 | 0.000000 | |
| De | 234.001 {144} | X | 3 | Mo | -0.000320 | 0.000000 | No |
| | | | | Fe | 0.000010 | 0.000000 | No |
| | 214 420 (457) | 57 | | Mn | -0.000047 | 0.000000 | No |
| ********* | 214.438 {457} | <u> </u> | 1 | Fe | 0.000040 | 0.000000 | No |
| ***** | 373.690 { 90} | | None | | | | |
| **** | 267.716 {126} | <u>¤</u> | 1 | Mn | 0.000160 | 0.000000 | No |
| Co | 228.616 {448} | | 2 | Ti | 0.001840 | 0.000000 | No |
| | | | | Мо | -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 |
| | 259.837 {130} | | None | | | |] |
| Mn | 257.610 {131} | | 1 | Ni | 0.000897 | 0.000000 | No |
| | 279.079 {121} | | None | | [| | |
| | 31.604 {446} | | None | | I | | |
| | 328.068 {103} | \boxtimes | 3 | Fe | -0.000100 | 0.000000 | No |
| | I | | | Mn | 0.000146 | 0.000000 | No |
| 1 | | | | V | -0.000889 | 0.000000 | No |
| Na 8 | 318.326 { 41} | | None | | | 1 | Ī |
| V 29 | 2.402 {115} | | 2 | Мо | -0.008480 | 0.000000 | No |
| Î | | | 1 | Cr | -0.002220 | 0.000000 | No |
| Zn 2 | 06.200 {464} | | None | | 1 | | |
| | 13.856 (158) | | 1 | Ni | 0.007280 | 0.000000 | No |
| · | 9.896 { 44 } | | None | | | 1 | |
| | 7.495 {490} | | 2 | Ni | 0.001640 | 0.000000 | No |
| | | | _ | Cu | -0.012530 | 0.000000 | No |
| B 24 | 9.678 {135} | | 3 | Co | 0.002880 | 0.000000 | No |
| 1 | | | | V | -0.002000 | 0.000000 | No |
| 1 | | | <u> </u> | Fe | -0.002000 | 0.000000 | NO |
| Mo | 202.030 {467} | | None | 16 | -0.001300 | 0.000000 | UNU |
| | 2.034 {485} | | None | Ma | 0.000000 | 0.000000 | Na |
| 10 10 | 2.004 (400) | | 2 | Mo | -0.008000 | 0.000000 | No |
| 1 | 1.5.5.2.1.1.1.2.2.2.2.2.2.2.2.2.2.2.2.2. | | | Mn | 0.002700 | 0.000000 | No |

| | Element, Wavelength and Order | Use? | # IECs | IEC | k1 | k2 | Calc-in-fit? |
|---|-------------------------------------|------|--------|-----|-----------|----------|--------------|
| | Si 251.611 {134} | | 2 | Мо | 0.010520 | 0.000000 | No |
| | | | | Ti | 0.005650 | 0.000000 | No |
| | Sn 189.989 {478} | | None | | <u>.</u> | | |
| | Ti 336.121 {100} | | 1 | Ni | -0.001000 | 0.000000 | No |
| | Li 670.784 { 50} | | None | | | 1 | 110 |
| | Y 224.306 {450}* | | None | | | | |
| I | Y 360.073 { 94}* | | None | | | | ÷ |
| Î | Y 371.030 { 91}* | | None | | | | |
| Ī | Y 224.306 {150}* | | None | | | | <u> </u> |
| | In 230.606 {446}* | | None | | | | |
| | Sr 407.771 { 83} | | None | | | | 1 |

~



PERCENT SOLID

Supervisor: Iwona Analyst: jignesh Date: 10/11/2024

OVENTEMP IN Celsius (°C): 107 Time IN: 15:05 In Date: 10/10/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 OvenID: M OVEN#1 OVENTEMP OUT Celsius (°C): 103 Time OUT: 07:48 Out Date: 10/11/2024 Weight Check 1.0g: 1.00 Weight Check 10g: 10.00 BalanceID: M SC-4 Thermometer ID: % SOLID- OVEN

QC:LB132860

| 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 |
|----------|-----------------|-----------|----------------------|-----------------|------------------------------|--------------------------------|------------|----------|
| P4317-01 | MYDB92 | 1 | 1.15 | 8.82 | 9.97 | 9.85 | 98.6 | |
| P4317-02 | MYDB93 | 2 | 1.15 | 8.38 | 9.53 | 9.41 | 98.6 | |
| P4317-03 | MYDB94 | 3 | 1.18 | 8.66 | 9.84 | 9.77 | 99.2 | |
| P4317-04 | MYDB95 | 4 | 1.17 | 8.60 | 9.77 | 9.63 | 98.4 | |
| P4317-05 | MYDB96 | 5 | 1.17 | 8.65 | 9.82 | 9.71 | 98.7 | |
| P4317-06 | MYDB97 | 6 | 1.18 | 8.74 | 9.92 | 9.78 | 98.4 | |
| P4317-07 | MYDB98 | 7 | 1.15 | 8.74 | 9.89 | 9.62 | 96.9 | |
| P4317-08 | MYDB99 | 8 | 1.14 | 8.78 | 9.92 | 9.77 | 98.3 | |
| P4317-09 | MYDBA0 | 9 | 1.17 | 8.40 | 9.57 | 9.33 | 97.1 | |
| P4317-10 | MYDBAOD | 10 | 1.17 | 8.40 | 9.57 | 9.33 | 97.1 | |
| P4317-11 | MYDBAOS | 11 | 1.17 | 8.40 | 9.57 | 9.33 | 97.1 | |
| P4317-12 | MYDBA1 | 12 | 1.18 | 8.50 | 9.68 | 9.41 | 96.8 | |
| P4317-13 | MYDBA2 | 13 | 1.14 | 8.42 | 9.56 | 9.3 | 96.9 | |
| P4317-14 | MYDBA3 | 14 | 1.15 | 8.62 | 9.77 | 9.51 | 97.0 | |
| P4317-15 | MYDBA4 | 15 | 1.15 | 8.69 | 9.84 | 9.68 | 98.2 | |
| P4317-16 | MYDBA5 | 16 | 1.16 | 8.73 | 9.89 | 9.69 | 97.7 | |
| P4317-17 | MYDBA6 | 17 | 1.15 | 8.69 | 9.84 | 9.73 | 98.7 | |
| P4317-18 | MYDBA7 | 18 | 1.11 | 8.73 | 9.84 | 9.5 | 96.1 | |
| P4317-19 | MYDBA9 | 19 | 1.18 | 8.47 | 9.65 | 9.4 | 97.0 | |
| P4317-20 | MYDBB0 | 20 | 1.18 | 8.50 | 9.68 | 9.42 | 96.9 | |
| P4317-21 | MYDBB1 | 21 | 1.18 | 8.64 | 9.82 | 9.47 | 95.9 | |
| P4317-22 | MYDBB2 | 22 | 1.16 | 8.50 | 9.66 | 9.43 | 97.3 | |

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

| | | | WORKLIST(Hardcopy Internal Chain) | copy Internal Ch | lain) | N) 132860 | 0 9 | |
|--|---|-------------|-----------------------------------|------------------|---------------------------------------|---|-----------------|---------------------|
| WorkList Name : | %1-P4317 | WorkList ID |): 184313 | Department : | Wet-Chemistry | Da | Date: 10-10-20; | 10-10-2024 11:41:06 |
| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
| P4317-01 | MYDB92 | Solid | Percent Solids | Cool 4 dea C | LISEP01 | Δ11 | 06/04/10004 | |
| P4317-02 | MYDB93 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 00/21/2024 | Chemtech -50 |
| P4317-03 | MYDB94 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech 20 |
| P4317-04 | MYDB95 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-05 | MYDB96 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-06 | MYDB97 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-07 | MYDB98 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech_SO |
| P4317-08 | MYDB99 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech_20 |
| P4317-09 | MYDBA0 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech_SO |
| P4317-10 | MYDBA0D | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-11 | MYDBA0S | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-12 | MYDBA1 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-13 | MYDBA2 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-14 | MYDBA3 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-15 | MYDBA4 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-16 | MYDBA5 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-17 | MYDBA6 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-18 | MYDBA7 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-19 | MYDBA9 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| P4317-20 | MYDBB0 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtach _SO |
| P4317-21 | MYDBB1 | Solid | Percent Solids | Cool 4 deg C | USEP01 | A11 | 06/21/2024 | Chemtech -SO |
| Date/Time <u>というとん</u> Raw Sample Received by: Raw Sample Relinquished by: | Received by: 131,30 Received by: 18 WC, Relinquished by: 24 | (200) | Page 1 of 2 | of 2 | Date/Time Raw Sample Raw Sample | Date/Time <u>) りししん</u> Raw Sample Received by: Raw Sample Relinquished by: | 789 | 5:10 415 M |
| | | | | | | | | |

N 132460

| | ~ | |
|-----------------------------------|----------------------------|--------------|
| R7 132860 | Date : | Raw Sample |
| lain) | Department : Wet-Chemistry | c |
| copy Internal Ch | Department : | Presenvative |
| WORKLIST(Hardcopy Internal Chain) | WorkList ID: 184313 | Test |
| | WorkList ! | Matrix Test |
| | %1-P4317 | |
| | WorkList Name: %1-P4317 | Sample |
| | | |

| Date: 10-10-2024 11:41:06 | Collect Date Method | | 06/21/2024 Chemtach Sol | |
|---------------------------|--|----------|---------------------------------------|--|
| Date: 1 | Raw Sample Storage Collec Location | | A11 06/2 | |
| | Customer | | USEP01 | |
| | Preservative | | Cool 4 deg C | |
| | Matrix Test | | Solid Percent Solids | |
| | Matrix | | Solid | |
| | Customer Sample | MVDB2 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| | Sample | P4317-22 | 77 - 10 | |

78 WC / 131.30 Raw Sample Relinquished by: Date/Time 10/10/24 Raw Sample Received by:

15410 Raw Sample Relinquished by: Date/Time 10/10/24 Raw Sample Received by:

Cal

Page 2 of 2