Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169840

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 40819719

Start Prep Date : 09/25/2025 **Time :** 14:30

End Prep Date : 09/26/2025 **Time :** 08:10

Combination Ratio : 20

ZHE Cleaning Batch : N/A18

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : 18

Supervisor By : 12

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. Tumbler T-1 /T-2 checked,30 rpm. q3208-12 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/26/25 11:00	JP / ICP Room	SLS. RT/Ext
	Preparation Group	Analysis Group Inst Dig

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TCLP EXTRACTION LOGPAGE

PB169840

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB169840TB	LEB840	17	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3146-03	MECHANIC-ST-PAINT-CHIPS	01	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q3181-03	WC-A3-01-C	02	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3181-07	WC-A3-02-C	03	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3181-11	WC-A3-03-C	04	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q3183-10	WC-1	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q3183-11	WC-4	06	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3183-12	WC-3	07	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3188-05	4135	08	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3191-01	459	09	100.00	2000	N/A	N/A	N/A	8.6	1.5	T-1
Q3196-01	FMC-9-24-25-1	10	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3196-02	FMC-9-24-25-2	11	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q3196-03	FMC-9-24-25-3	12	100.01	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q3196-04	FMC-9-24-25-4	13	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q3196-05	FMC-9-24-25-5	14	100.03	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q3208-06	SU-ESM-COMP-01	15	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-2
Q3208-12	SU-ESM-COMP-02	16	100.03	2000	N/A	N/A	N/A	7.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169840TB	LEB840	N/A	N/A	N/A	N/A	N/A	N/A
Q3146-03	MECHANIC-ST-PAINT-CHIPS	N/A	N/A	N/A	N/A	100	N/A
Q3181-03	WC-A3-01-C	N/A	N/A	N/A	N/A	100	N/A
Q3181-07	WC-A3-02-C	N/A	N/A	N/A	N/A	100	N/A
Q3181-11	WC-A3-03-C	N/A	N/A	N/A	N/A	100	N/A
Q3183-10	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q3183-11	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q3183-12	WC-3	N/A	N/A	N/A	N/A	100	N/A
Q3188-05	4135	N/A	N/A	N/A	N/A	100	N/A
Q3191-01	459	N/A	N/A	N/A	N/A	<0.5	N/A
Q3196-01	FMC-9-24-25-1	N/A	N/A	N/A	N/A	100	N/A
Q3196-02	FMC-9-24-25-2	N/A	N/A	N/A	N/A	100	N/A
Q3196-03	FMC-9-24-25-3	N/A	N/A	N/A	N/A	100	N/A
Q3196-04	FMC-9-24-25-4	N/A	N/A	N/A	N/A	100	N/A
Q3196-05	FMC-9-24-25-5	N/A	N/A	N/A	N/A	100	N/A
Q3208-06	SU-ESM-COMP-01	N/A	N/A	N/A	N/A	100	N/A
Q3208-12	SU-ESM-COMP-02	N/A	N/A	N/A	N/A	100	N/A

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TCLP Fluid Determination

PB169840

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB169840TB	LEB840	N/A	N/A	N/A	N/A	#1	4.94
Q3146-03	MECHANIC-ST-PAINT-CHIPS	5.02	96.5	5.8	1.5	#1	4.94
Q3181-03	WC-A3-01-C	5.03	96.5	11.5	4.5	#1	4.94
Q3181-07	WC-A3-02-C	5.02	96.5	11.5	4.5	#1	4.94
Q3181-11	WC-A3-03-C	5.03	96.5	11.5	4.5	#1	4.94
Q3183-10	WC-1	5.02	96.5	8.0	3.5	#1	4.94
Q3183-11	WC-4	5.01	96.5	7.0	2.5	#1	4.94
Q3183-12	WC-3	5.02	96.5	8.6	3.0	#1	4.94
Q3188-05	4135	5.03	96.5	5.6	1.5	#1	4.94
Q3191-01	459	5.02	N/A	N/A	N/A	N/A	N/A
Q3196-01	FMC-9-24-25-1	5.03	96.5	7.4	2.5	#1	4.94
Q3196-02	FMC-9-24-25-2	5.02	96.5	7.0	2.0	#1	4.94
Q3196-03	FMC-9-24-25-3	5.02	96.5	6.6	2.0	#1	4.94
Q3196-04	FMC-9-24-25-4	5.03	96.5	6.4	2.5	#1	4.94
Q3196-05	FMC-9-24-25-5	5.02	96.5	6.4	2.0	#1	4.94
Q3208-06	SU-ESM-COMP-01	5.02	96.5	9.7	4.0	#1	4.94
Q3208-12	SU-ESM-COMP-02	5.01	96.5	8.6	3.5	#1	4.94