

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
Pipette ID : WC
Tumbler ID : T-1 / T-2
TCLP Filter ID : 115525

Start Prep Date : 07/02/2025 Time : 15:00
End Prep Date : 07/03/2025 Time : 08:20
Combination Ratio : 20
ZHE Cleaning Batch : 10
Initial Room Temperature: 24 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *[Signature]*
Supervisor By : *[Signature]*

Standard 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	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
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	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. Particle size reduction is not required. q2493-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/03/25 11:00	<i>[Signature]</i> Lab Room	SI-S. RJ 16X1
	Preparation Group	Analysis Group <i>[Signature]</i>

TCLP EXTRACTION LOGPAGE

PB168689

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
PB168689TB	LEB689	11	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2381-08	VNJ-207	01	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q2398-09	M00-25-0179	02	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2472-02	PN#1	03	100.02	2000	N/A	N/A	N/A	9.3	1.5	T-1
Q2473-05	PIT#1	04	100.03	2000	N/A	N/A	N/A	9.1	1.0	T-1
Q2473-06	PIT#2	05	100.02	2000	N/A	N/A	N/A	9.3	1.5	T-1
Q2473-07	PIT#3	06	100.01	2000	N/A	N/A	N/A	9.1	1.0	T-1
Q2473-08	PIT#4	07	100.02	2000	N/A	N/A	N/A	9.3	1.5	T-1
Q2474-01	FO-1	08	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2478-04	WC-1	09	100.04	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2493-04	WC-11	10	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168689TB	LEB689	N/A	N/A	N/A	N/A	N/A	N/A
Q2381-08	VNJ-207	N/A	N/A	N/A	N/A	100	N/A
Q2398-09	M00-25-0179	N/A	N/A	N/A	N/A	100	N/A
Q2472-02	PN#1	N/A	N/A	N/A	N/A	100	N/A
Q2473-05	PIT#1	N/A	N/A	N/A	N/A	100	N/A
Q2473-06	PIT#2	N/A	N/A	N/A	N/A	100	N/A
Q2473-07	PIT#3	N/A	N/A	N/A	N/A	100	N/A
Q2473-08	PIT#4	N/A	N/A	N/A	N/A	100	N/A
Q2474-01	FO-1	N/A	N/A	N/A	N/A	100	N/A
Q2478-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q2493-04	WC-11	N/A	N/A	N/A	N/A	100	N/A

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
PB168689TB	LEB689	N/A	N/A	N/A	N/A	#1	4.94
Q2381-08	VNJ-207	5.02	96.5	7.6	2.5	#1	4.94
Q2398-09	M00-25-0179	5.03	96.5	7.2	2.0	#1	4.94
Q2472-02	PN#1	5.02	96.5	11.0	4.0	#1	4.94
Q2473-05	PIT#1	5.03	96.5	11.5	4.5	#1	4.94
Q2473-06	PIT#2	5.02	96.5	11.0	4.0	#1	4.94
Q2473-07	PIT#3	5.03	96.5	11.0	4.5	#1	4.94
Q2473-08	PIT#4	5.02	96.5	11.5	4.0	#1	4.94
Q2474-01	FO-1	5.01	96.5	5.6	2.0	#1	4.94
Q2478-04	WC-1	5.02	96.5	9.0	3.5	#1	4.94
Q2493-04	WC-11	5.03	96.5	7.2	3.0	#1	4.94