

SOP ID : MSFAM01.1-Cyanide-2

SDG No : MBHCH8

Matrix : SOLID

Pipette ID : WC

Balance ID : WC SC-4

Hood ID : HOOD#1

Block ID : MC-1, MC-2

Weigh By : JP

Start Digest Date: 10/24/2024 Time : 10:20 Temp : 123 °C

End Digest Date: 10/24/2024 Time : 11:50 Temp : 126 °C

II batch 10/24/2024 12:15 124 °C
10/24/2024 13:45 127 °C

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature: JP

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
MATRIX SPIKE SOLUTION	1.0ML	WP110035
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP108640
50% v/v H2SO4	5.0ML	WP110391
51% w/v MgCL2	2.0ML	WP110390
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
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	WP110397 I batch
S5.0	S5.0	N/A	WP110396 "
S10.0	S10.0	N/A	WP110395 "
S100.0	S100.0	N/A	WP110394 "
S250.0	S250.0	N/A	WP110393 "
S500.0	S500.0	N/A	WP110392 "
ICV	ICV	N/A	WP110398 "
ICB	ICB	N/A	WP108640 "
CCV	CCV	N/A	WP110399 "
CCB	CCB	N/A	WP108640 "
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	N/A	N/A
LOWSTD	LOWSTD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

MIDI-DISTILLATION_SOIL; I-ST BATCH MC-2 START TEMP:123 C; MC-2 END TEMP: 127 C; II-ND BATCH MC-2 START TEMP:123 C; MC-2 END TEMP: 128 C; Block Therm.ID: WC-CYANIDE-2

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/24/2024, 14:00	JP / WC	NPLWC
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
P4498-01	MBHDD1	1.01	50	N/A	N/A	N/A	N/A	N/A I batch	N/A
P4498-02	MBHDD2	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-03	MBHDD8	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-04	MBHDD9	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-05	MBHDE0	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-06	MBHDE1	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-07	MBHDE2	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-08	MBHDE8	1.02	50	N/A	N/A	N/A	N/A	N/A II batch	N/A
P4498-09	MBHDE9	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-10	MBHDF0	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-11	MBHDF0D	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-12	MBHDF0S	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-13	MBHDF1	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-14	MBHDF2	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-15	MBHCH8	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-16	MBHCH9	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-17	MBHCJ0	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-18	MBHCJ1	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-19	MBHCJ2	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-20	MBHCJ3	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-21	MBHCJ5	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4498-22	MBHCJ6	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
PB164384BL	PBS384	1.00	50	N/A	N/A	N/A	N/A	N/A I batch	N/A