

SOP ID : MSFAM01.1-Cyanide-2

SDG No : MBHCN1

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-4

Hood ID : HOOD#1

Block ID : MC-1, MC-2

Weigh By : JP

Start Digest Date: 10/25/2024 Time : 08:00 Temp : 123 °C

End Digest Date: 10/25/2024 Time : 09:30 Temp : 127 °C

I batch 10/25/2024 10:00 124
10/25/2024 11:30 128

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature: Jn

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	50.0ML	WP110423 I batch
S5.0	S5.0	50.0ML	WP110422 "
S10.0	S10.0	50.0ML	WP110421 "
S100.0	S100.0	50.0ML	WP110420 "
S250.0	S250.0	50.0ML	WP110419 "
S500.0	S500.0	50.0ML	WP110418 "
ICV	ICV	50.0ML	WP110424 "
ICB	ICB	50.0ML	WP108640 "
CCV	CCV	50.0ML	WP110425 "
CCB	CCB	50.0ML	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: 126 C; II-ND BATCH MC-2 START TEMP:123 C; MC-2 END TEMP: 127 C; Block Therm.ID: WC-CYANIDE-2

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10-25-2024, 11:45	Jn	NHWC
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P4500-01	MBHCN1	1.05	50	N/A	N/A	N/A	N/A	N/A I batch	N/A
P4500-02	MBHCN2	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-03	MBHCN3	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-04	MBHCN4	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-05	MBHCN5	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-06	MBHCN6	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-07	MBHCN7	1.06	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-08	MBHCN8	1.03	50	N/A	N/A	N/A	N/A	N/A II batch	N/A
P4500-09	MBHCN9	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-10	MBHCP0	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-11	MBHCP0D	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-12	MBHCP0S	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-13	MBHCP1	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-14	MBHCP2	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-15	MBHCP3	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-16	MBHCP4	1.08	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-17	MBHCP5	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-18	MBHCP6	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-19	MBHCP7	1.06	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-20	MBHCX2	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-21	MBHCX3	1.07	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4500-22	MBHCZ6	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
PB164413BL	PBS413	1.00	50	N/A	N/A	N/A	N/A	N/A I batch	N/A