

SOP ID : MSFAM01.1-Cyanide-2

SDG No : MBHCY5

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: 10/28/2024 Time : 08:00 Temp : 123 °C

End Digest Date: 10/28/2024 Time : 09:30 Temp : 127 °C

II batch 10/28/2024 12:00 123
10/28/2024 13:30 127
III batch 10/28/2024 14:00 123
10/28/2024 15:30 126

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature:

pH Meter ID : N/A

Supervisor Signature:

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	50ML	WP110463 I batch
S5.0	S5.0	50ML	WP110462 "
S10.0	S10.0	50ML	WP110461 "
S100.0	S100.0	50ML	WP110460 "
S250.0	S250.0	50ML	WP110459 "
S500.0	S500.0	50ML	WP110458 "
ICV	ICV	50ML	WP110465 "
ICB	ICB	50ML	WP108640 "
CCV	CCV	50ML	WP110464 "
CCB	CCB	50ML	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
10-28-2024, 15:45	JP (WC)	NF(WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
P4497-01	MBHCY5	1.02	50	N/A	N/A	N/A	N/A	N/A II batch	N/A
P4497-02	MBHCZ5	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-03	MBHDA3	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-04	MBHDA4	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-05	MBHDA5	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-06	MBHDA6	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-07	MBHDA7	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-08	MBHDB3	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-09	MBHDB4	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-10	MBHDB5	1.00	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-11	MBHDB6	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-12	MBHDB7	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-13	MBHDB8	1.06	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-14	MBHDB9	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-15	MBHDC0	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-16	MBHDC1	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-17	MBHDC2	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-18	MBHDC8	1.04	50	N/A	N/A	N/A	N/A	N/A III batch	N/A
P4497-19	MBHDC9	1.06	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-20	MBHDD0	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-21	MBHDD0D	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P4497-22	MBHDD0S	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
PB164481BL	PBS481	1.00	50	N/A	N/A	N/A	N/A	N/A II batch	N/A