

SOP ID : MSFAM01.1-Cyanide-2

SDG No : MX1007

Matrix : WATER

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Block ID : MC-1, MC-2

Weigh By : N/A

Start Digest Date: 11/22/2024 Time : 08:10 Temp : 123 °C

End Digest Date: 11/22/2024 Time : 09:40 Temp : 127 °C

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature:

Supervisor Signature:

Standard Name	MLS USED	STD REF. # FROM LOG
PBW	50.0ML	W3112
MDL	50.0ML	WP110846
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	WP108076
51% w/v MgCL2	2.0ML	WP108075
pH Paper 0-14	N/A	W3121
Nitrate/Nitrite Strip	N/A	W3101
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W2965
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	WP110843
S5.0	S5.0	50ML	WP110842
S10.0	S10.0	50ML	WP110841
S100.0	S100.0	50ML	WP110840
S250.0	S250.0	50ML	WP110839
S500.0	S500.0	50ML	WP110838
ICV	ICV	50ML	WP110845
ICB	ICB	50ML	WP108640
CCV	CCV	50ML	WP110844
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_AQUEOUS; I-ST BATCH MC-2 START TEMP:123 C; MC-2 END TEMP: 127 C; Block Therm.ID: WC-CYANIDE-2, PT prep: 5mL of the concentrate and 2mL of 50% NAOH into 1000mL DI water.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11-22-2024, 09:50	rd / WC	NF(WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P4776-02	MDL-WATER-QT4-2024-08	50	50	>10	Negative	Negative	Negative	N/A	N/A
P4917-06	MX1012	50	50	>10	Negative	Negative	Negative	N/A	N/A
PB165196BL	PBW196	50	50	>10	Negative	Negative	Negative	N/A	N/A