

SOP ID : MSFAM01.1-Cyanide-2

SDG No : ME2993

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: 02/05/2025 Time : 09:30 Temp : 123 °C

End Digest Date: 02/05/2025 Time : 11:00 Temp : 127 °C

II batch
02/05/2025 15:30 124°C
02/05/2025 17:00 127°C

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature: *JB*

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBW	50.0ML	W3112
MATRIX SPIKE SOLUTION	1.0ML	WP111295
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	WP111294
50% v/v H2SO4	5.0ML	WP110391
51% w/v MgCL2	2.0ML	WP110390
pH Paper 0-14	N/A	W3121
Nitrate/Nitrite Strip	N/A	W3101
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
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	WP111791 <i>I batch</i>
S5.0	S5.0	50.0ML	WP111790 "
S10.0	S10.0	50.0ML	WP111789 "
S100.0	S100.0	50.0ML	WP111788 "
S250.0	S250.0	50.0ML	WP111787 "
S500.0	S500.0	50.0ML	WP111786 "
ICV	ICV	50.0ML	WP111792 "
ICB	ICB	50.0ML	WP111294 "
CCV	CCV	50.0ML	WP111793 "
CCB	CCB	50.0ML	WP111294 "
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: 126 C; Block Therm.ID: WC-CYANIDE-2

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02.05.2025, 17:15	<i>JB / WC</i>	<i>AF/WC</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB166576BL	PBW576	50	50	>10	Negative	Negative	Negative	N/A <i>II batch</i>	N/A
Q1231-01	ME2993	50	50	>10	Negative	Negative	Negative	N/A <i>4</i>	N/A
Q1231-02	ME2993D	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A
Q1231-03	ME2993S	50	50	>10	Negative	Negative	Negative	N/A <i>8</i>	N/A
Q1231-05	ME29C2	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A
Q1231-06	ME29C3	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A
Q1231-07	ME29C4	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A