

SOP ID : MSFAM01.1-Cyanide-2

SDG No : ME2964

Start Digest Date: 02/13/2025 Time : 11:00 Temp : 123 °C

Matrix : WATER

End Digest Date: 02/13/2025 Time : 12:30 Temp : 127 °C

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1, MC-2

Filter paper ID : N/A

Prep Technician Signature: *JP*

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: *NF*

Standardized 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	WP111935 <i>I batch</i>
S5.0	S5.0	50.0ML	WP111934 <i>"</i>
S10.0	S10.0	50.0ML	WP111933 <i>"</i>
S100.0	S100.0	50.0ML	WP111932 <i>"</i>
S250.0	S250.0	50.0ML	WP111931 <i>"</i>
S500.0	S500.0	50.0ML	WP111930 <i>"</i>
ICV	ICV	50.0ML	WP111936 <i>"</i>
ICB	ICB	50.0ML	W3112 <i>"</i>
CCV	CCV	50.0ML	WP111937 <i>"</i>
CCB	CCB	50.0ML	W3112 <i>"</i>
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
02/13/2025, 12:45	<i>JP / WC</i>	<i>NF(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
PB166718BL	PBW718	50	50	>10	Negative	Negative	Negative	N/A <i>I batch</i>	N/A
Q1339-01	ME29C5	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A
Q1339-03	ME29C6	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A
Q1339-05	ME29D1	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A
Q1339-06	ME29D2	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A
Q1339-08	ME29D2D	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A
Q1339-09	ME29D2S	50	50	>10	Negative	Negative	Negative	N/A <i>11</i>	N/A