

SOP ID : MSFAM01.1-Cyanide-2

SDG No : ME2931

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: 01/28/2025 Time : 09:00 Temp : 123 °C

End Digest Date: 01/28/2025 Time : 10:30 Temp : 127 °C

II batch 01/28/2025 11:00 124°C
01/28/2025 12:30 126°C } 58

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature: *28*

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	WP111668 <i>I batch</i>
S5.0	S5.0	50.0ML	WP111667 "
S10.0	S10.0	50.0ML	WP111666 "
S100.0	S100.0	50.0ML	WP111665 "
S250.0	S250.0	50.0ML	WP111664 "
S500.0	S500.0	50.0ML	WP111662 "
ICV	ICV	50.0ML	WP111669 "
ICB	ICB	50.0ML	WP111294 "
CCV	CCV	50.0ML	WP111663 "
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; II-ND BATCH MC-2 START TEMP:124 C; MC-2 END TEMP: 127 C Block Therm.ID: WC-CYANIDE-2,

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01-28-2025, 12:45	<i>JP (C/C)</i>	<i>NFCWC</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
PB166303BL	PBW303	50	50	>10	Negative	Negative	Negative	N/A I batch	N/A
Q1176-01	ME2931	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-02	ME2933	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-03	ME2937	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-04	ME2945	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-05	ME2942	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-06	ME2943	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-07	ME2940	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-08	ME2941	50	50	>10	Negative	Negative	Negative	N/A II batch	N/A
Q1176-09	ME2944	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-10	ME2944D	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-11	ME2944S	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-12	ME2938	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-13	ME2939	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-14	ME2932	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-15	ME2936	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-16	ME2934	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-17	ME2935	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-18	ME2950	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-19	ME2951	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-20	ME2953	50	50	>10	Negative	Negative	Negative	N/A "	N/A
Q1176-21	ME2954	50	50	>10	Negative	Negative	Negative	N/A "	N/A