

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Start Digest Date: 06/09/2025 Time : 10:00 Temp : 123 °C

Matrix : WATER

End Digest Date: 06/09/2025 Time : 11:30 Temp : 126 °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: 50

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standardized Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP112995
MS/MSD SPIKE SOL.	1.0ML	WP113319
PBW	50.0ML	W3112
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	WP112826
51% w/v MgCL2	2.0ML	WP112827
pH Paper 0-14	N/A	W3140
Nitrate/Nitrite Strip	N/A	W3101
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
0.4N Sulfamic Acid	5ML	WP112829
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	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113319
LOWSTD	LOWSTD	0.1	WP113319

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/09/2025 11:40	<u>JB</u> / <u>WC</u>	<u>RM (WC)</u>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB168347BL	PBW347	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB168347BS	LCS347	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q2243-02DUP	WATER-TREATMENT-DISCHAR GEDUP	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02MS	WATER-TREATMENT-DISCHAR GEMS	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02MSD	WATER-TREATMENT-DISCHAR GEMSD	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02	WATER-TREATMENT-DISCHAR GE	50	50	>12	Negative	Negative	Positive	N/A	N/A