



Analytical Summary Report

Analysis Method: 9040C

Analyst By : jignesh

Parameter: pH

Supervisor Review By : Iwona

Run Number: LB124430

Slope : 98.7

pH Meter ID : WC PH METER-1

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W2980
BUFFER PH 7.00 GREEN 1PINT PK6	W2981
PH 10.01 BUFFER,COLOR CD 475ML	W2888
buffer solution pH 7 yellow	W2887
Buffer Solution, PH2 (500ml)	W3005
pH 12.00 Buffer	W2940

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.1].

True Value of CCV2 = 12.00 Control Limits[+/- 0.1].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water	NA	NA	20.6	4.01	03/09/2023	15:15
2	CAL2	1	Water	NA	NA	20.6	6.98	03/09/2023	15:16
3	CAL3	1	Water	NA	NA	20.7	10.03	03/09/2023	15:17
4	ICV	1	Water	NA	NA	20.6	7.00	03/09/2023	15:20
5	CCV1	1	Water	NA	NA	20.7	2.01	03/09/2023	15:22
6	O1854-01	1	Water	NA	NA	20.4	7.82	03/09/2023	15:30
7	O1854-02	1	Water	NA	NA	20.2	6.29	03/09/2023	15:34
8	O1854-03	1	Water	NA	NA	20.1	6.27	03/09/2023	15:37
9	O1854-03DUP	1	Water	NA	NA	20.2	6.28	03/09/2023	15:38
10	CCV2	1	Water	NA	NA	20.7	12.03	03/09/2023	15:40

SOP ID : MSFAM01.1-Cyanide-2

SDG No : N/A

Start Digest Date: 03/09/2023 Time : 12:50 Temp : 123 °C

Matrix : SOIL

End Digest Date: 03/09/2023 Time : 14:20 Temp : 126 °C

Pipette ID : WC

Balance ID : WC SC-4

Hood ID : HOOD#1

Digestion tube ID : M5216

Block Thermometer ID : WC CYANIDE#1

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: 12

Weigh By : IZ

pH Meter ID : N/A

Supervisor Signature: 18

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50ml	W2606
MDL	50.0ML	WP101410
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	WP99896
50% v/v H2SO4	5.0ML	WP99894
51% w/v MgCL2	2.0ML	WP99895
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
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	WP101406
S5.0	S5.0	50.0ML	WP101405
S10.0	S10.0	50.0ML	WP101404
S100.0	S100.0	50.0ML	WP101403
S250.0	S250.0	50.0ML	WP101402
S500.0	S500.0	50.0ML	WP101401
ICV	ICV	50.0ML	WP101408
ICB	ICB	50.0ML	WP99896
CCV	CCV	50.0ML	WP101409
CCB	CCB	50.0ML	WP99896
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_SOIL

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/09/23 16:35	12, JC	12 (X)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
O1378-04	MDL-SOIL-QT1-2023-02	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB151340BL	PBS340	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A