



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129926

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP106999
Calibration Std. hexchrome 0.05 ppm	WP106998
calibration std. hexchrome 0.01 ppm	WP106996
calibration std. hexchrome 0 ppm	WP106995
hexavalent chromium color reagent	WP106982
0.2N SULFURIC ACID	WP106542
Calibration Std Hexachrome 0.025 ppm	WP106997
Hexavalent Chromium ICV-LCS Std	WP107002
Calibration and CCV std HexChrome 0.5PPM	WP107000
Calibration std HexChrome 1.0PPM	WP107001

Intercept: 0

Slope: 0.7804

Regression: 0.999996

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.77	0.000	0.000	0.000	0		03/18/2024	14:10
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	03/18/2024	14:11
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	03/18/2024	14:12
4	CAL4	0.05	1	100	100		1.84	0.000	0.039	0.039	0.049	-2	03/18/2024	14:13
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.099	-1	03/18/2024	14:14
6	CAL6	0.5	1	100	100		1.86	0.000	0.391	0.391	0.501	0.2	03/18/2024	14:15
7	CAL7	1	1	100	100		1.87	0.000	0.780	0.780	0.999	-0.1	03/18/2024	14:16



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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	03/18/2024	14:17
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	03/18/2024	14:18
3	CCV1	0.5	1	100	100		1.95	0.000	0.390	0.390	0.500	03/18/2024	14:19
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	03/18/2024	14:20
5	RL Check	0.01	1	100	100		1.92	0.000	0.009	0.009	0.012	03/18/2024	14:21
6	lb129926BL		1	100	100		1.75	0.000	0.000	0.000	0.000	03/18/2024	14:22
7	lb129926BS	0.5	1	100	100		1.92	0.000	0.401	0.401	0.514	03/18/2024	14:23
8	P1788-01		1	100	100		2.08	0.030	0.030	0.000	0.000	03/18/2024	14:24
9	P1788-02		1	100	100		2.08	0.004	0.004	0.000	0.000	03/18/2024	14:25
10	P1788-02DU		1	100	100		2.06	0.005	0.005	0.000	0.000	03/18/2024	14:26
11	P1788-02MS	1	2	100	100		2.10	0.003	0.396	0.393	0.504	03/18/2024	14:27
12	P1788-02MS	1	2	100	100		2.08	0.004	0.394	0.390	0.500	03/18/2024	14:28
13	CCV2	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	03/18/2024	14:29
14	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	03/18/2024	14:30

LB. 129926

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX-031824 WorkList ID : 178656 Department : Wet-Chemistry Date : 03-18-2024 13:26:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1788-01	PEZOMETER-200	Water	Hexavalent Chromium	Ammonium sulfate buffer	MIRM01	O21	03/18/2024	SM3500-Cr B
P1788-02	PEZOMETER-206	Water	Hexavalent Chromium	Ammonium sulfate buffer	MIRM01	O21	03/18/2024	SM3500-Cr B

Date/Time 03/18/2024 13:30
Raw Sample Received by: N.P. W.C.
Raw Sample Relinquished by: N.P. W.C.

Date/Time 03/18/2024 14:00
Raw Sample Received by: N.P. W.C.
Raw Sample Relinquished by: N.P. W.C.