



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124599

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101616
Calibration Std. hexchrome 0.05 ppm	WP101615
calibration std. hexchrome 0.01 ppm	WP101613
calibration std. hexchrome 0 ppm	WP101612
hexavalent chromium color reagent	WP101579
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP101614
Hexavalent Chromium ICV-LCS Std	WP101619
Calibration and CCV std HexChrome 0.5PPM	WP101617
Calibration std HexChrome 1.0PPM	WP101618

Intercept: -0.0009

Slope: 0.782

Regression: 0.999998

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		2.08	0.000	0.000	0.000	0.001		03/21/2023	09:45
2	CAL2	0.01	1	100	100		2.06	0.000	0.006	0.006	0.008	-20	03/21/2023	09:46
3	CAL3	0.025	1	100	100		2.02	0.000	0.018	0.018	0.024	-4	03/21/2023	09:47
4	CAL4	0.05	1	100	100		1.96	0.000	0.038	0.038	0.049	-2	03/21/2023	09:48
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	0.100	0	03/21/2023	09:49
6	CAL6	0.5	1	100	100		1.98	0.000	0.390	0.390	0.499	-0.2	03/21/2023	09:50
7	CAL7	1	1	100	100		1.94	0.000	0.781	0.781	0.999	-0.1	03/21/2023	09:51



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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 HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.12	0.000	0.390	0.390	0.500	03/21/2023	09:52
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.001	03/21/2023	09:53
3	CCV1	0.5	1	100	100		2.04	0.000	0.391	0.391	0.501	03/21/2023	09:54
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	03/21/2023	09:55
5	RL Check	0.01	1	100	100		2.08	0.000	0.009	0.009	0.013	03/21/2023	09:56
6	lb124599BL		1	100	100		2.02	0.000	0.000	0.000	0.001	03/21/2023	09:57
7	lb124599BS	0.5	1	100	100		2.06	0.000	0.407	0.407	0.522	03/21/2023	09:58
8	O1953-02		1	100	100		2.02	0.000	0.476	0.476	0.610	03/21/2023	09:59
9	O2020-41		1	100	100		2.14	0.003	0.048	0.045	0.059	03/21/2023	10:00
10	O2020-41DU		1	100	100		2.16	0.003	0.048	0.045	0.059	03/21/2023	10:01
11	O2020-41MS	1	2	100	100		2.20	0.002	0.411	0.409	0.524	03/21/2023	10:02
12	O2020-41MS	1	2	100	100		2.18	0.003	0.418	0.415	0.532	03/21/2023	10:03
13	CCV2	0.5	1	100	100		2.10	0.000	0.390	0.390	0.500	03/21/2023	10:04
14	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.001	03/21/2023	10:05