



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125552

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102548
Calibration Std. hexchrome 0.05 ppm	WP102547
calibration std. hexchrome 0.01 ppm	WP102545
calibration std. hexchrome 0 ppm	WP102544
hexavalent chromium color reagent	WP102535
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102546
Hexavalent Chromium ICV-LCS Std	WP102551
Calibration and CCV std HexChrome 0.5PPM	WP102549
Calibration std HexChrome 1.0PPM	WP102550

Intercept: -0.0003

Slope: 0.7812

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		1.78	0.000	0.000	0.000	0.000		05/19/2023	10:15
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	05/19/2023	10:16
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	05/19/2023	10:17
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	-2	05/19/2023	10:18
5	CAL5	0.1	1	100	100		1.85	0.000	0.078	0.078	0.100	0	05/19/2023	10:19
6	CAL6	0.5	1	100	100		1.86	0.000	0.390	0.390	0.499	-0.2	05/19/2023	10:20
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	1.000	0	05/19/2023	10:21



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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		1.88	0.000	0.392	0.392	0.502	05/19/2023	10:22
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	05/19/2023	10:23
3	CCV1	0.5	1	100	100		1.88	0.000	0.391	0.391	0.501	05/19/2023	10:24
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	05/19/2023	10:25
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	05/19/2023	10:26
6	LB125552BL		1	100	100		1.80	0.000	0.000	0.000	0.000	05/19/2023	10:27
7	LB125552BS	0.5	1	100	100		1.80	0.000	0.384	0.384	0.492	05/19/2023	10:28
8	O2840-06		1	100	100		2.08	0.000	0.000	0.000	0.000	05/19/2023	10:29
9	O2840-06DU		1	100	100		2.10	0.000	0.000	0.000	0.000	05/19/2023	10:30
10	O2840-06MS	1	2	100	100		2.12	0.000	0.142	0.142	0.182	05/19/2023	10:31
11	O2840-06MS	1	2	100	100		2.08	0.000	0.162	0.162	0.208	05/19/2023	10:32
12	CCV2	0.5	1	100	100		1.88	0.000	0.391	0.391	0.501	05/19/2023	10:33
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	05/19/2023	10:34