



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125384

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102397
Calibration Std. hexchrome 0.05 ppm	WP102396
calibration std. hexchrome 0.01 ppm	WP102394
calibration std. hexchrome 0 ppm	WP102393
hexavalent chromium color reagent	WP102401
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102395
Hexavalent Chromium ICV-LCS Std	WP102400
Calibration and CCV std HexChrome 0.5PPM	WP102398
Calibration std HexChrome 1.0PPM	WP102399

Intercept: -0.0006

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		1.86	0.000	0.000	0.000	0.000		05/10/2023	13:50
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	0.008	-20	05/10/2023	13:51
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	-8	05/10/2023	13:52
4	CAL4	0.05	1	100	100		1.90	0.000	0.039	0.039	0.050	0	05/10/2023	13:53
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.100	0	05/10/2023	13:54
6	CAL6	0.5	1	100	100		1.85	0.000	0.391	0.391	0.501	0.2	05/10/2023	13:55
7	CAL7	1	1	100	100		1.86	0.000	0.780	0.780	0.999	-0.1	05/10/2023	13:56



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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	0.391	0.391	0.501	05/10/2023	13:57
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.001	05/10/2023	13:58
3	CCV1	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	05/10/2023	13:59
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.001	05/10/2023	14:00
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	05/10/2023	14:01
6	lb125384BL		1	100	100		1.80	0.000	0.000	0.000	0.001	05/10/2023	14:02
7	lb125384BS	0.5	1	100	100		1.80	0.000	0.406	0.406	0.520	05/10/2023	14:03
8	O2742-01		1	100	100		2.00	0.000	0.000	0.000	0.001	05/10/2023	14:04
9	O2742-01DU		1	100	100		2.02	0.000	0.000	0.000	0.001	05/10/2023	14:05
10	O2742-01MS	1	2	100	100		2.00	0.000	0.298	0.298	0.382	05/10/2023	14:06
11	O2742-01MS	1	2	100	100		2.02	0.000	0.302	0.302	0.387	05/10/2023	14:07
12	CCV2	0.5	1	100	100		1.88	0.000	0.391	0.391	0.501	05/10/2023	14:08
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.001	05/10/2023	14:09