



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125124

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102114
Calibration Std. hexchrome 0.05 ppm	WP102113
calibration std. hexchrome 0.01 ppm	WP102111
calibration std. hexchrome 0 ppm	WP102110
hexavalent chromium color reagent	WP102038
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102112
Hexavalent Chromium ICV-LCS Std	WP102117
Calibration and CCV std HexChrome 0.5PPM	WP102115
Calibration std HexChrome 1.0PPM	WP102116

Intercept: 0.004

Slope: 0.8052

Regression: 0.999806

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		1.84	0.000	0.000	0.000	-0.00		04/24/2023	08:50
2	CAL2	0.01	1	100	100		1.88	0.000	0.010	0.010	0.007	-30	04/24/2023	08:51
3	CAL3	0.025	1	100	100		1.85	0.000	0.023	0.023	0.023	-8	04/24/2023	08:52
4	CAL4	0.05	1	100	100		1.86	0.000	0.044	0.044	0.049	-2	04/24/2023	08:53
5	CAL5	0.1	1	100	100		1.88	0.000	0.086	0.086	0.101	1	04/24/2023	08:54
6	CAL6	0.5	1	100	100		1.84	0.000	0.419	0.419	0.515	3	04/24/2023	08:55
7	CAL7	1	1	100	100		1.88	0.000	0.803	0.803	0.992	-0.8	04/24/2023	08:56



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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		2.00	0.000	0.415	0.415	0.510	04/24/2023	08:57
2	ICB		1	100	100		1.96	0.000	0.000	0.000	-0.005	04/24/2023	08:58
3	CCV1	0.5	1	100	100		1.92	0.000	0.418	0.418	0.514	04/24/2023	08:59
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	-0.005	04/24/2023	09:00
5	RL Check	0.01	1	100	100		1.94	0.000	0.012	0.012	0.010	04/24/2023	09:01
6	lb125124BL		1	100	100		1.85	0.000	0.000	0.000	-0.005	04/24/2023	09:02
7	lb125124BS	0.5	1	100	100		2.00	0.000	0.370	0.370	0.455	04/24/2023	09:03
8	O2468-01		1	100	100		2.08	0.001	0.002	0.001	-0.004	04/24/2023	09:04
9	O2468-01DU		1	100	100		2.06	0.001	0.002	0.001	-0.004	04/24/2023	09:05
10	O2468-01MS	1	2	100	100		2.04	0.002	0.368	0.366	0.450	04/24/2023	09:06
11	O2468-01MS	1	2	100	100		2.06	0.003	0.378	0.375	0.461	04/24/2023	09:07
12	CCV2	0.5	1	100	100		2.08	0.000	0.419	0.419	0.515	04/24/2023	09:08
13	CCB2		1	100	100		1.85	0.000	0.000	0.000	-0.005	04/24/2023	09:09