



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127388

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104290
Calibration Std. hexchrome 0.05 ppm	WP104289
calibration std. hexchrome 0.01 ppm	WP104287
calibration std. hexchrome 0 ppm	WP104286
hexavalent chromium color reagent	WP104244
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104288
Hexavalent Chromium ICV-LCS Std	WP104293
Calibration and CCV std HexChrome 0.5PPM	WP104291
Calibration std HexChrome 1.0PPM	WP104292

Intercept: 0.0005

Slope: 0.7806

Regression: 0.999999

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	-0.00		09/20/2023	17:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.009	0.009	0.010	0	09/20/2023	17:01
3	CAL3	0.025	1	100	100		1.86	0.000	0.020	0.020	0.024	-4	09/20/2023	17:02
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	09/20/2023	17:03
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	0.100	0	09/20/2023	17:04
6	CAL6	0.5	1	100	100		1.91	0.000	0.391	0.391	0.500	0	09/20/2023	17:05
7	CAL7	1	1	100	100		1.86	0.000	0.781	0.781	0.999	-0.1	09/20/2023	17:06



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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		1.80	0.000	0.390	0.390	0.499	09/20/2023	17:07
2	ICB		1	100	100		1.75	0.000	0.000	0.000	-0.001	09/20/2023	17:08
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	09/20/2023	17:09
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	-0.001	09/20/2023	17:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	09/20/2023	17:11
6	LB127388BL		1	100	100		1.76	0.000	0.000	0.000	-0.001	09/20/2023	17:12
7	LB127388BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.513	09/20/2023	17:13
8	O4540-01		1	100	100		2.06	0.033	0.334	0.301	0.385	09/20/2023	17:14
9	O4540-02		1	100	100		2.04	0.020	0.217	0.197	0.252	09/20/2023	17:15
10	O4540-03		1	100	100		2.06	0.014	0.089	0.075	0.095	09/20/2023	17:16
11	O4540-03DU		1	100	100		2.06	0.014	0.089	0.075	0.095	09/20/2023	17:17
12	O4540-03MS	1	2	100	100		2.08	0.013	0.430	0.417	0.534	09/20/2023	17:18
13	O4540-03MS	1	2	100	100		2.06	0.014	0.433	0.419	0.536	09/20/2023	17:19
14	CCV2	0.5	1	100	100		1.94	0.000	0.391	0.391	0.500	09/20/2023	17:20
15	CCB2		1	100	100		1.75	0.000	0.000	0.000	-0.001	09/20/2023	17:21