



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124779

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101788
Calibration Std. hexchrome 0.05 ppm	WP101787
calibration std. hexchrome 0.01 ppm	WP101785
calibration std. hexchrome 0 ppm	WP101784
hexavalent chromium color reagent	WP101722
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP101786
Hexavalent Chromium ICV-LCS Std	WP101791
Calibration and CCV std HexChrome 0.5PPM	WP101789
Calibration std HexChrome 1.0PPM	WP101790

Intercept: -0.0007

Slope: 0.7809

Regression: 0.999995

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	0.000		03/31/2023	16:15
2	CAL2	0.01	1	100	100		2.12	0.000	0.006	0.006	0.008	-20	03/31/2023	16:16
3	CAL3	0.025	1	100	100		2.06	0.000	0.018	0.018	0.023	-8	03/31/2023	16:17
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	0.049	-2	03/31/2023	16:18
5	CAL5	0.1	1	100	100		2.00	0.000	0.079	0.079	0.102	2	03/31/2023	16:19
6	CAL6	0.5	1	100	100		2.04	0.000	0.390	0.390	0.500	0	03/31/2023	16:20
7	CAL7	1	1	100	100		2.00	0.000	0.780	0.780	0.999	-0.1	03/31/2023	16:21



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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		2.08	0.000	0.391	0.391	0.502	03/31/2023	16:22
2	ICB		1	100	100		1.84	0.000	0.000	0.000	0.001	03/31/2023	16:23
3	CCV1	0.5	1	100	100		2.02	0.000	0.390	0.390	0.500	03/31/2023	16:24
4	CCB1		1	100	100		1.86	0.000	0.000	0.000	0.001	03/31/2023	16:25
5	RL Check	0.01	1	100	100		2.00	0.000	0.009	0.009	0.012	03/31/2023	16:26
6	LB124779BL		1	100	100		1.88	0.000	0.000	0.000	0.001	03/31/2023	16:27
7	LB124779BS	0.5	1	100	100		2.14	0.000	0.383	0.383	0.491	03/31/2023	16:28
8	O2167-01		1	100	100		2.08	0.005	0.005	0.000	0.001	03/31/2023	16:29
9	O2167-01DU		1	100	100		2.06	0.005	0.005	0.000	0.001	03/31/2023	16:30
10	O2167-01MS	1	2	100	100		2.10	0.008	0.403	0.395	0.507	03/31/2023	16:31
11	O2167-01MS	1	2	100	100		2.12	0.007	0.398	0.391	0.502	03/31/2023	16:32
12	CCV2	0.5	1	100	100		2.18	0.000	0.391	0.391	0.502	03/31/2023	16:33
13	CCB2		1	100	100		1.82	0.000	0.000	0.000	0.001	03/31/2023	16:34