

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124777

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: -0.0009

Slope: 0.7823

Regression: 0.999997

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		1.96	0.000	0.000	0.000	0.001		03/31/2023	11:00
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.008	-20	03/31/2023	11:01
3	CAL3	0.025	1	100	100		1.92	0.000	0.018	0.018	0.024	-4	03/31/2023	11:02
4	CAL4	0.05	1	100	100		1.96	0.000	0.038	0.038	0.049	-2	03/31/2023	11:03
5	CAL5	0.1	1	100	100		1.94	0.000	0.078	0.078	0.100	0	03/31/2023	11:04
6	CAL6	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	0	03/31/2023	11:05
7	CAL7	1	1	100	100		2.00	0.000	0.781	0.781	0.999	-0.1	03/31/2023	11:06



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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		2.00	0.000	0.390	0.390	0.500	03/31/2023	11:07
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.001	03/31/2023	11:08
3	CCV1	0.5	1	100	100		2.02	0.000	0.391	0.391	0.501	03/31/2023	11:09
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	0.001	03/31/2023	11:10
5	RL Check	0.01	1	100	100		1.98	0.000	0.008	0.008	0.011	03/31/2023	11:11
6	lb124777BL		1	100	100		1.88	0.000	0.000	0.000	0.001	03/31/2023	11:12
7	lb124777BS	0.5	1	100	100		2.04	0.000	0.396	0.396	0.507	03/31/2023	11:13
8	O2140-03		1	100	100		2.08	0.004	0.004	0.000	0.001	03/31/2023	11:14
9	O2140-03DU		1	100	100		2.08	0.004	0.004	0.000	0.001	03/31/2023	11:15
10	O2140-03MS	1	2	100	100		2.06	0.003	0.390	0.387	0.496	03/31/2023	11:16
11	O2140-03MS	1	2	100	100		2.06	0.003	0.386	0.383	0.491	03/31/2023	11:17
12	O2140-06		1	100	100		2.10	0.002	0.002	0.000	0.001	03/31/2023	11:18
13	CCV2	0.5	1	100	100		2.06	0.000	0.390	0.390	0.500	03/31/2023	11:19
14	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.001	03/31/2023	11:20