

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134466

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP111683
Calibration Std. hexchrome 0.05 ppm	WP111682
calibration std. hexchrome 0.01 ppm	WP111680
calibration std. hexchrome 0 ppm	WP111679
hexavalent chromium color reagent	WP111659
5N sulfuric acid	WP110380
HEX LOD STD, 0.005PPM	WP111687
Calibration Std Hexachrome 0.025 ppm	WP111681
Hexavalent Chromium ICV-LCS Std	WP111686
Calibration and CCV std HexChrome 0.5PPM	WP111684
Calibration std HexChrome 1.0PPM	WP111685

Intercept: -0.0006

Slope: 0.7825

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		1.74	0.000	0.000	0.000	0.000		01/29/2025	14:30
2	CAL2	0.01	1	100	100		1.85	0.000	0.006	0.006	0.008	-20	01/29/2025	14:31
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	01/29/2025	14:32
4	CAL4	0.05	1	100	100		1.89	0.000	0.039	0.039	0.050	0	01/29/2025	14:33
5	CAL5	0.1	1	100	100		1.89	0.000	0.079	0.079	0.101	1	01/29/2025	14:34
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	0.499	-0.2	01/29/2025	14:35
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	1.000	0	01/29/2025	14:36

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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		1.91	0.000	0.393	0.393	0.503	01/29/2025	14:37
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.001	01/29/2025	14:38
3	CCV1	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	01/29/2025	14:39
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.002	01/29/2025	14:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.007	0.007	0.010	01/29/2025	14:41
6	lb134466BL		1	100	100		1.74	0.000	0.001	0.001	0.002	01/29/2025	14:42
7	lb134466BS	0.5	1	100	100		1.93	0.000	0.400	0.400	0.512	01/29/2025	14:43
8	Q1168-09		1	100	100		2.02	0.000	0.005	0.005	0.007	01/29/2025	14:44
9	Q1211-01		1	100	100		2.08	0.000	0.000	0.000	0.001	01/29/2025	14:45
10	Q1211-01DU		1	100	100		2.10	0.000	0.000	0.000	0.001	01/29/2025	14:46
11	Q1211-01MS	1	2	100	100		2.10	0.000	0.395	0.395	0.506	01/29/2025	14:47
12	Q1211-01MS	1	2	100	100		2.11	0.000	0.392	0.392	0.502	01/29/2025	14:48
13	Q1211-02		1	100	100		2.06	0.000	0.000	0.000	0.001	01/29/2025	14:49
14	CCV2	0.5	1	100	100		1.92	0.000	0.394	0.394	0.504	01/29/2025	14:50
15	CCB2		1	100	100		1.78	0.000	0.001	0.001	0.002	01/29/2025	14:51