

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134797

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112041
Calibration Std. hexchrome 0.05 ppm	WP112040
calibration std. hexchrome 0.01 ppm	WP112038
calibration std. hexchrome 0 ppm	WP112037
hexavalent chromium color reagent	WP111960
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112039
Hexavalent Chromium ICV-LCS Std	WP112044
Calibration and CCV std HexChrome 0.5PPM	WP112042
Calibration std HexChrome 1.0PPM	WP112043

Intercept: 0.0002

Slope: 0.7802

Regression: 0.999998

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		1.94	0.000	0.000	0.000	-0.00		02/25/2025	12:00
2	CAL2	0.01	1	100	100		1.99	0.000	0.008	0.008	0.009	-10	02/25/2025	12:01
3	CAL3	0.025	1	100	100		1.97	0.000	0.019	0.019	0.024	-4	02/25/2025	12:02
4	CAL4	0.05	1	100	100		2.00	0.000	0.039	0.039	0.049	-2	02/25/2025	12:03
5	CAL5	0.1	1	100	100		1.99	0.000	0.079	0.079	0.101	1	02/25/2025	12:04
6	CAL6	0.5	1	100	100		2.03	0.000	0.391	0.391	0.500	0	02/25/2025	12:05
7	CAL7	1	1	100	100		2.02	0.000	0.780	0.780	0.999	-0.1	02/25/2025	12:06

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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		2.01	0.000	0.392	0.392	0.502	02/25/2025	12:07
2	ICB		1	100	100		1.90	0.000	0.001	0.001	0.001	02/25/2025	12:08
3	CCV1	0.5	1	100	100		2.02	0.000	0.394	0.394	0.505	02/25/2025	12:09
4	CCB1		1	100	100		1.94	0.000	0.000	0.000	0.000	02/25/2025	12:10
5	RL Check	0.01	1	100	100		1.97	0.000	0.009	0.009	0.011	02/25/2025	12:11
6	lb134797BL		1	100	100		1.90	0.000	0.000	0.000	0.000	02/25/2025	12:12
7	lb134797BS	0.5	1	100	100		2.06	0.000	0.398	0.398	0.510	02/25/2025	12:13
8	Q1417-01		1	100	100		1.84	0.000	0.000	0.000	0.000	02/25/2025	12:14
9	Q1417-01DU		1	100	100		1.89	0.000	0.000	0.000	0.000	02/25/2025	12:15
10	Q1417-01MS	1	2	100	100		1.94	0.000	0.386	0.386	0.494	02/25/2025	12:16
11	Q1417-01MS	1	2	100	100		1.98	0.000	0.387	0.387	0.496	02/25/2025	12:17
12	CCV2	0.5	1	100	100		2.06	0.000	0.390	0.390	0.500	02/25/2025	12:18
13	CCB2		1	100	100		1.93	0.000	0.001	0.001	0.001	02/25/2025	12:19