

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137615

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115283
Calibration Std. hexchrome 0.05 ppm	WP115282
calibration std. hexchrome 0.01 ppm	WP115280
calibration std. hexchrome 0 ppm	WP115279
hexavalent chromium color reagent	WP115235
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP115281
Hexavalent Chromium ICV-LCS Std	WP115286
Calibration and CCV std HexChrome 0.5PPM	WP115284
Calibration std HexChrome 1.0PPM	WP115285

Intercept: 0.0004

Slope: 0.7805

Regression: 0.999992

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		1.82	0.000	0.000	0.000	-0.00		10/22/2025	13:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.008	-20	10/22/2025	13:00
3	CAL3	0.025	1	100	100		1.85	0.000	0.020	0.020	0.025	0	10/22/2025	13:01
4	CAL4	0.05	1	100	100		1.94	0.000	0.039	0.039	0.049	-2	10/22/2025	13:01
5	CAL5	0.1	1	100	100		1.89	0.000	0.081	0.081	0.103	3	10/22/2025	13:02
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	-0.2	10/22/2025	13:02
7	CAL7	1	1	100	100		1.94	0.000	0.781	0.781	1.000	0	10/22/2025	13:03

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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 HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.97	0.000	0.394	0.394	0.504	10/22/2025	13:03
2	ICB		1	100	100		1.92	0.000	0.001	0.001	0.001	10/22/2025	13:04
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	10/22/2025	13:04
4	CCB1		1	100	100		1.97	0.000	0.001	0.001	0.001	10/22/2025	13:05
5	RL Check	0.01	1	100	100		2.00	0.000	0.008	0.008	0.010	10/22/2025	13:05
6	LB137615BL		1	100	100		1.95	0.000	0.001	0.001	0.001	10/22/2025	13:06
7	LB137615BS	0.5	1	100	100		2.01	0.000	0.403	0.403	0.516	10/22/2025	13:06
8	Q3420-05		1	100	100		2.06	0.000	0.000	0.000	-0.001	10/22/2025	13:07
9	Q3420-05DU		1	100	100		2.03	0.000	0.000	0.000	-0.001	10/22/2025	13:07
10	Q3420-05MS	1	2	100	100		2.06	0.000	0.361	0.361	0.462	10/22/2025	13:08
11	Q3420-05MS	1	2	100	100		2.07	0.000	0.362	0.362	0.463	10/22/2025	13:08
12	Q3422-02		1	100	100		2.00	0.000	0.000	0.000	-0.001	10/22/2025	13:09
13	CCV2	0.5	1	100	100		2.07	0.000	0.391	0.391	0.500	10/22/2025	13:09
14	CCB2		1	100	100		1.99	0.000	0.000	0.000	-0.001	10/22/2025	13:10