

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137249

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP114832
Calibration Std. hexchrome 0.05 ppm	WP114831
calibration std. hexchrome 0.01 ppm	WP114829
calibration std. hexchrome 0 ppm	WP114828
hexavalent chromium color reagent	WP114755
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP114830
Hexavalent Chromium ICV-LCS Std	WP114835
Calibration and CCV std HexChrome 0.5PPM	WP114833
Calibration std HexChrome 1.0PPM	WP114834

Intercept: 0.0024

Slope: 0.7824

Regression: 0.999955

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		2.05	0.000	0.000	0.000	-0.00		09/19/2025	15:10
2	CAL2	0.01	1	100	100		2.24	0.000	0.009	0.009	0.008	-20	09/19/2025	15:10
3	CAL3	0.025	1	100	100		1.87	0.000	0.021	0.021	0.023	-8	09/19/2025	15:11
4	CAL4	0.05	1	100	100		1.96	0.000	0.043	0.043	0.051	2	09/19/2025	15:11
5	CAL5	0.1	1	100	100		1.70	0.000	0.081	0.081	0.100	0	09/19/2025	15:12
6	CAL6	0.5	1	100	100		2.06	0.000	0.399	0.399	0.506	1.2	09/19/2025	15:12
7	CAL7	1	1	100	100		2.11	0.000	0.782	0.782	0.996	-0.4	09/19/2025	15:13

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pH Meter ID: 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		2.16	0.000	0.394	0.394	0.501	09/19/2025	15:13
2	ICB		1	100	100		1.88	0.000	0.000	0.000	-0.003	09/19/2025	15:14
3	CCV1	0.5	1	100	100		2.32	0.000	0.402	0.402	0.511	09/19/2025	15:14
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	-0.003	09/19/2025	15:15
5	RL Check	0.01	1	100	100		1.75	0.000	0.009	0.009	0.008	09/19/2025	15:15
6	LB137249BL		1	100	100		2.08	0.000	0.001	0.001	-0.002	09/19/2025	15:16
7	LB137249BS	0.5	1	100	100		1.96	0.000	0.412	0.412	0.524	09/19/2025	15:16
8	Q3019-01		1	100	100		1.90	0.000	0.641	0.641	0.816	09/19/2025	15:17
9	Q3151-02		1	100	100		2.06	0.000	0.006	0.006	0.005	09/19/2025	15:17
10	Q3151-02DU		1	100	100		2.24	0.000	0.006	0.006	0.005	09/19/2025	15:18
11	Q3151-02MS	1	2	100	100		1.94	0.000	0.392	0.392	0.498	09/19/2025	15:18
12	Q3151-02MS	1	2	100	100		1.67	0.000	0.393	0.393	0.499	09/19/2025	15:19
13	CCV2	0.5	1	100	100		2.06	0.000	0.399	0.399	0.507	09/19/2025	15:19
14	CCB2		1	100	100		2.14	0.000	0.001	0.001	-0.002	09/19/2025	15:20