

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136266

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113703
Calibration Std. hexchrome 0.05 ppm	WP113702
calibration std. hexchrome 0.01 ppm	WP113700
calibration std. hexchrome 0 ppm	WP113699
hexavalent chromium color reagent	WP113606
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP113701
Hexavalent Chromium ICV-LCS Std	WP113706
Calibration and CCV std HexChrome 0.5PPM	WP113704
Calibration std HexChrome 1.0PPM	WP113705

Intercept: 0.0006

Slope: 0.7814

Regression: 0.999988

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		1.88	0.000	0.000	0.000	-0.00		06/25/2025	16:15
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.008	-20	06/25/2025	16:15
3	CAL3	0.025	1	100	100		2.01	0.000	0.019	0.019	0.023	-8	06/25/2025	16:16
4	CAL4	0.05	1	100	100		1.98	0.000	0.040	0.040	0.050	0	06/25/2025	16:16
5	CAL5	0.1	1	100	100		1.94	0.000	0.081	0.081	0.102	2	06/25/2025	16:17
6	CAL6	0.5	1	100	100		1.97	0.000	0.393	0.393	0.502	0.4	06/25/2025	16:17
7	CAL7	1	1	100	100		1.97	0.000	0.781	0.781	0.998	-0.2	06/25/2025	16:18

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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		1.99	0.000	0.394	0.394	0.503	06/25/2025	16:18
2	ICB		1	100	100		1.84	0.000	0.000	0.000	-0.001	06/25/2025	16:19
3	CCV1	0.5	1	100	100		2.02	0.000	0.391	0.391	0.500	06/25/2025	16:19
4	CCB1		1	100	100		1.91	0.000	0.001	0.001	0.001	06/25/2025	16:20
5	RL Check	0.01	1	100	100		1.98	0.000	0.009	0.009	0.011	06/25/2025	16:20
6	LB136266BL		1	100	100		1.90	0.000	0.001	0.001	0.001	06/25/2025	16:21
7	LB136266BS	0.5	1	100	100		1.95	0.000	0.396	0.396	0.506	06/25/2025	16:21
8	Q2418-01		1	100	100		1.90	0.000	0.000	0.000	-0.001	06/25/2025	16:22
9	Q2418-01DU		1	100	100		1.93	0.000	0.000	0.000	-0.001	06/25/2025	16:22
10	Q2418-01MS	1	2	100	100		1.94	0.000	0.376	0.376	0.480	06/25/2025	16:23
11	Q2418-01MS	1	2	100	100		1.94	0.000	0.377	0.377	0.482	06/25/2025	16:23
12	CCV2	0.5	1	100	100		1.93	0.000	0.394	0.394	0.503	06/25/2025	16:24
13	CCB2		1	100	100		1.77	0.000	0.001	0.001	0.001	06/25/2025	16:24