

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136000

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113369
Calibration Std. hexchrome 0.05 ppm	WP113368
calibration std. hexchrome 0.01 ppm	WP113366
calibration std. hexchrome 0 ppm	WP113365
hexavalent chromium color reagent	WP113373
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP113367
Hexavalent Chromium ICV-LCS Std	WP113372
Calibration and CCV std HexChrome 0.5PPM	WP113370
Calibration std HexChrome 1.0PPM	WP113371

Intercept: 0.001

Slope: 0.7818

Regression: 0.999981

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		1.69	0.000	0.000	0.000	-0.00		06/04/2025	09:45
2	CAL2	0.01	1	100	100		1.85	0.000	0.008	0.008	0.008	-20	06/04/2025	09:45
3	CAL3	0.025	1	100	100		1.89	0.000	0.019	0.019	0.023	-8	06/04/2025	09:46
4	CAL4	0.05	1	100	100		1.92	0.000	0.040	0.040	0.049	-2	06/04/2025	09:46
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.102	2	06/04/2025	09:47
6	CAL6	0.5	1	100	100		1.94	0.000	0.395	0.395	0.503	0.6	06/04/2025	09:47
7	CAL7	1	1	100	100		1.90	0.000	0.781	0.781	0.997	-0.3	06/04/2025	09:48

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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		1.97	0.000	0.398	0.398	0.508	06/04/2025	09:48
2	ICB		1	100	100		1.84	0.000	0.001	0.001	0.000	06/04/2025	09:49
3	CCV1	0.5	1	100	100		1.99	0.000	0.395	0.395	0.504	06/04/2025	09:49
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	-0.001	06/04/2025	09:50
5	RL Check	0.01	1	100	100		1.88	0.000	0.009	0.009	0.010	06/04/2025	09:51
6	LB136000BL		1	100	100		1.92	0.000	0.001	0.001	0.000	06/04/2025	09:51
7	LB136000BS	0.5	1	100	100		1.87	0.000	0.400	0.400	0.510	06/04/2025	09:52
8	Q2198-05		1	100	100		2.19	0.000	0.000	0.000	-0.001	06/04/2025	09:52
9	Q2198-05DU		1	100	100		2.22	0.000	0.000	0.000	-0.001	06/04/2025	09:53
10	Q2198-05MS	1	2	100	100		2.19	0.000	0.362	0.362	0.462	06/04/2025	09:53
11	Q2198-05MS	1	2	100	100		2.20	0.000	0.364	0.364	0.464	06/04/2025	09:54
12	CCV2	0.5	1	100	100		1.95	0.000	0.394	0.394	0.503	06/04/2025	09:54
13	CCB2		1	100	100		1.80	0.000	0.000	0.000	-0.001	06/04/2025	09:55