

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135322

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112623
Calibration Std. hexchrome 0.05 ppm	WP112622
calibration std. hexchrome 0.01 ppm	WP112620
calibration std. hexchrome 0 ppm	WP112619
hexavalent chromium color reagent	WP112566
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112621
Hexavalent Chromium ICV-LCS Std	WP112626
Calibration and CCV std HexChrome 0.5PPM	WP112624
Calibration std HexChrome 1.0PPM	WP112625

Intercept: -0.0008

Slope: 0.7765

Regression: 0.999874

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	0.001		04/07/2025	13:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.006	0.006	0.008	-20	04/07/2025	13:10
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.024	-4	04/07/2025	13:11
4	CAL4	0.05	1	100	100		1.83	0.000	0.040	0.040	0.052	4	04/07/2025	13:11
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.105	5	04/07/2025	13:12
6	CAL6	0.5	1	100	100		1.90	0.000	0.378	0.378	0.487	-2.6	04/07/2025	13:12
7	CAL7	1	1	100	100		1.97	0.000	0.780	0.780	1.005	0.5	04/07/2025	13:13

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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		1.88	0.000	0.398	0.398	0.514	04/07/2025	13:13
2	ICB		1	100	100		1.77	0.000	0.001	0.001	0.002	04/07/2025	13:14
3	CCV1	0.5	1	100	100		1.90	0.000	0.395	0.395	0.510	04/07/2025	13:14
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	04/07/2025	13:15
5	RL Check	0.01	1	100	100		1.88	0.000	0.008	0.008	0.011	04/07/2025	13:15
6	LB135322BL		1	100	100		1.92	0.000	0.001	0.001	0.002	04/07/2025	13:16
7	LB135322BS	0.5	1	100	100		1.96	0.000	0.400	0.400	0.516	04/07/2025	13:16
8	Q1746-05		1	100	100		1.90	0.001	0.001	0.000	0.001	04/07/2025	13:17
9	Q1746-06		1	100	100		1.97	0.000	0.000	0.000	0.001	04/07/2025	13:17
10	Q1746-06DU		1	100	100		2.01	0.000	0.000	0.000	0.001	04/07/2025	13:18
11	Q1746-06MS	1	2	100	100		2.02	0.000	0.375	0.375	0.484	04/07/2025	13:18
12	Q1746-06MS	1	2	100	100		2.00	0.000	0.376	0.376	0.485	04/07/2025	13:19
13	Q1746-07		1	100	100		2.10	0.000	0.000	0.000	0.001	04/07/2025	13:19
14	CCV2	0.5	1	100	100		1.90	0.000	0.390	0.390	0.503	04/07/2025	13:20
15	CCB2		1	100	100		1.92	0.000	0.001	0.001	0.002	04/07/2025	13:21