

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134896

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112169
Calibration Std. hexchrome 0.05 ppm	WP112168
calibration std. hexchrome 0.01 ppm	WP112166
calibration std. hexchrome 0 ppm	WP112165
hexavalent chromium color reagent	WP112061
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112167
Hexavalent Chromium ICV-LCS Std	WP112172
Calibration and CCV std HexChrome 0.5PPM	WP112170
Calibration std HexChrome 1.0PPM	WP112171

Intercept: 0.0002

Slope: 0.7826

Regression: 0.999998

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		1.90	0.000	0.000	0.000	-0.00		03/04/2025	16:45
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	0.009	-10	03/04/2025	16:46
3	CAL3	0.025	1	100	100		1.93	0.000	0.019	0.019	0.024	-4	03/04/2025	16:47
4	CAL4	0.05	1	100	100		1.99	0.000	0.040	0.040	0.050	0	03/04/2025	16:48
5	CAL5	0.1	1	100	100		2.01	0.000	0.079	0.079	0.100	0	03/04/2025	16:49
6	CAL6	0.5	1	100	100		2.06	0.000	0.391	0.391	0.499	-0.2	03/04/2025	16:50
7	CAL7	1	1	100	100		1.97	0.000	0.783	0.783	1.000	0	03/04/2025	16:51

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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		2.06	0.000	0.391	0.391	0.499	03/04/2025	16:52
2	ICB		1	100	100		1.92	0.000	0.001	0.001	0.001	03/04/2025	16:53
3	CCV1	0.5	1	100	100		1.95	0.000	0.394	0.394	0.503	03/04/2025	16:54
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	03/04/2025	16:55
5	RL Check	0.01	1	100	100		1.97	0.000	0.009	0.009	0.011	03/04/2025	16:56
6	LB134896BL		1	100	100		1.82	0.000	0.001	0.001	0.001	03/04/2025	16:57
7	LB134896BS	0.5	1	100	100		1.90	0.000	0.394	0.394	0.503	03/04/2025	16:58
8	Q1488-13		1	100	100		2.10	0.000	0.000	0.000	0.000	03/04/2025	16:59
9	Q1488-14		1	100	100		2.15	0.000	0.000	0.000	0.000	03/04/2025	17:00
10	Q1488-14DU		1	100	100		2.12	0.000	0.000	0.000	0.000	03/04/2025	17:01
11	Q1488-14MS	1	2	100	100		2.17	0.000	0.382	0.382	0.488	03/04/2025	17:02
12	Q1488-14MS	1	2	100	100		2.13	0.000	0.384	0.384	0.490	03/04/2025	17:03
13	CCV2	0.5	1	100	100		1.88	0.000	0.392	0.392	0.501	03/04/2025	17:04
14	CCB2		1	100	100		1.81	0.000	0.001	0.001	0.001	03/04/2025	17:05