

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134933

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112223
Calibration Std. hexchrome 0.05 ppm	WP112222
calibration std. hexchrome 0.01 ppm	WP112220
calibration std. hexchrome 0 ppm	WP112219
hexavalent chromium color reagent	WP112185
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112221
Hexavalent Chromium ICV-LCS Std	WP112226
Calibration and CCV std HexChrome 0.5PPM	WP112224
Calibration std HexChrome 1.0PPM	WP112225

Intercept: -0.0002

Slope: 0.7819

Regression: 0.999996

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		1.92	0.000	0.000	0.000	0.000		03/06/2025	16:30
2	CAL2	0.01	1	100	100		1.95	0.000	0.007	0.007	0.009	-10	03/06/2025	16:31
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.024	-4	03/06/2025	16:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	03/06/2025	16:33
5	CAL5	0.1	1	100	100		1.91	0.000	0.079	0.079	0.101	1	03/06/2025	16:34
6	CAL6	0.5	1	100	100		1.96	0.000	0.392	0.392	0.501	0.2	03/06/2025	16:35
7	CAL7	1	1	100	100		2.02	0.000	0.781	0.781	0.999	-0.1	03/06/2025	16:36

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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		2.06	0.000	0.390	0.390	0.499	03/06/2025	16:37
2	ICB		1	100	100		1.93	0.000	0.000	0.000	0.000	03/06/2025	16:38
3	CCV1	0.5	1	100	100		1.98	0.000	0.394	0.394	0.504	03/06/2025	16:39
4	CCB1		1	100	100		1.86	0.000	0.001	0.001	0.002	03/06/2025	16:40
5	RL Check	0.01	1	100	100		1.97	0.000	0.008	0.008	0.010	03/06/2025	16:41
6	LB134933BL		1	100	100		1.82	0.000	0.001	0.001	0.002	03/06/2025	16:42
7	LB134933BS	0.5	1	100	100		1.94	0.000	0.402	0.402	0.514	03/06/2025	16:43
8	Q1514-07		1	100	100		2.13	0.000	0.000	0.000	0.000	03/06/2025	16:44
9	Q1514-07DU		1	100	100		2.10	0.000	0.000	0.000	0.000	03/06/2025	16:45
10	Q1514-07MS	1	2	100	100		2.07	0.000	0.379	0.379	0.485	03/06/2025	16:46
11	Q1514-07MS	1	2	100	100		2.12	0.000	0.380	0.380	0.486	03/06/2025	16:47
12	Q1514-08		1	100	100		2.16	0.000	0.000	0.000	0.000	03/06/2025	16:48
13	Q1514-09		1	100	100		1.93	0.000	0.000	0.000	0.000	03/06/2025	16:49
14	CCV2	0.5	1	100	100		1.98	0.000	0.393	0.393	0.503	03/06/2025	16:50
15	CCB2		1	100	100		1.90	0.000	0.001	0.001	0.002	03/06/2025	16:51