

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137766

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115461
Calibration Std. hexchrome 0.05 ppm	WP115460
calibration std. hexchrome 0.01 ppm	WP115458
calibration std. hexchrome 0 ppm	WP115457
hexavalent chromium color reagent	WP115393
5N sulfuric acid	WP115340
HEX LOD STD, 0.005PPM	WP115465
Hex LOQ Std, 0.01PPM	WP115466
Calibration Std Hexachrome 0.025 ppm	WP115459
Hexavalent Chromium ICV-LCS Std	WP115464
Calibration and CCV std HexChrome 0.5PPM	WP115462
Calibration std HexChrome 1.0PPM	WP115463

Intercept: 0.0002

Slope: 0.7843

Regression: 0.999992

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		1.66	0.000	0.000	0.000	-0.00		11/04/2025	16:40
2	CAL2	0.01	1	100	100		1.74	0.000	0.007	0.007	0.008	-20	11/04/2025	16:40
3	CAL3	0.025	1	100	100		1.79	0.000	0.019	0.019	0.023	-8	11/04/2025	16:41
4	CAL4	0.05	1	100	100		1.84	0.000	0.039	0.039	0.049	-2	11/04/2025	16:41
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.103	3	11/04/2025	16:42
6	CAL6	0.5	1	100	100		1.83	0.000	0.393	0.393	0.500	0	11/04/2025	16:42
7	CAL7	1	1	100	100		1.85	0.000	0.784	0.784	0.999	-0.1	11/04/2025	16:43

Analytical Summary Report

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Run Number: LB137766

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		1.90	0.000	0.391	0.391	0.498	11/04/2025	16:43
2	ICB		1	100	100		1.88	0.000	0.001	0.001	0.001	11/04/2025	16:44
3	CCV1	0.5	1	100	100		1.85	0.000	0.394	0.394	0.502	11/04/2025	16:44
4	CCB1		1	100	100		1.82	0.000	0.001	0.001	0.001	11/04/2025	16:45
5	RL Check	0.01	1	100	100		1.87	0.000	0.008	0.008	0.010	11/04/2025	16:45
6	lb137766BL		1	100	100		1.77	0.000	0.001	0.001	0.001	11/04/2025	16:46
7	lb137766BS	0.5	1	100	100		1.89	0.000	0.403	0.403	0.514	11/04/2025	16:46
8	Q3530-07		1	100	100		1.94	0.000	0.005	0.005	0.006	11/04/2025	16:47
9	Q3530-08		1	100	100		1.97	0.000	0.008	0.008	0.010	11/04/2025	16:47
10	Q3534-01		1	100	100		1.90	0.000	0.000	0.000	0.000	11/04/2025	16:48
11	Q3534-02		1	100	100		1.90	0.000	0.000	0.000	0.000	11/04/2025	16:48
12	Q3534-03		1	100	100		1.99	0.000	0.000	0.000	0.000	11/04/2025	16:49
13	Q3534-04		1	100	100		1.90	0.000	0.000	0.000	0.000	11/04/2025	16:49
14	Q3534-05		1	100	100		1.88	0.000	0.000	0.000	0.000	11/04/2025	16:50
15	Q3534-06		1	100	100		2.00	0.000	0.000	0.000	0.000	11/04/2025	16:50
16	CCV2	0.5	1	100	100		1.97	0.000	0.392	0.392	0.500	11/04/2025	16:51
17	CCB2		1	100	100		1.95	0.000	0.000	0.000	0.000	11/04/2025	16:51
18	Q3534-07		1	100	100		2.06	0.000	0.000	0.000	0.000	11/04/2025	16:52
19	Q3534-07DU		1	100	100		2.04	0.000	0.000	0.000	0.000	11/04/2025	16:52
20	Q3534-07MS	1	2	100	100		2.06	0.000	0.370	0.370	0.472	11/04/2025	16:53
21	Q3534-07MS	1	2	100	100		2.02	0.000	0.372	0.372	0.474	11/04/2025	16:53
22	Q3534-09		1	100	100		2.10	0.000	0.000	0.000	0.000	11/04/2025	16:54
23	CCV3	0.5	1	100	100		1.94	0.000	0.394	0.394	0.502	11/04/2025	16:54
24	CCB3		1	100	100		1.94	0.000	0.001	0.001	0.001	11/04/2025	16:55