

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137832

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115550
Calibration Std. hexchrome 0.05 ppm	WP115549
calibration std. hexchrome 0.01 ppm	WP115547
calibration std. hexchrome 0 ppm	WP115546
hexavalent chromium color reagent	WP115554
5N sulfuric acid	WP115340
Calibration Std Hexachrome 0.025 ppm	WP115548
Hexavalent Chromium ICV-LCS Std	WP115553
Calibration and CCV std HexChrome 0.5PPM	WP115551
Calibration std HexChrome 1.0PPM	WP115552

Intercept: -0.0003

Slope: 0.784

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	0.000		11/07/2025	19:30
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	0.009	-10	11/07/2025	19:30
3	CAL3	0.025	1	100	100		1.84	0.000	0.019	0.019	0.024	-4	11/07/2025	19:31
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	0.050	0	11/07/2025	19:31
5	CAL5	0.1	1	100	100		1.94	0.000	0.079	0.079	0.101	1	11/07/2025	19:32
6	CAL6	0.5	1	100	100		1.95	0.000	0.391	0.391	0.499	-0.2	11/07/2025	19:32
7	CAL7	1	1	100	100		1.97	0.000	0.784	0.784	1.000	0	11/07/2025	19:33

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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		2.08	0.000	0.394	0.394	0.503	11/07/2025	19:33
2	ICB		1	100	100		2.00	0.000	0.001	0.001	0.002	11/07/2025	19:34
3	CCV1	0.5	1	100	100		2.03	0.000	0.393	0.393	0.502	11/07/2025	19:34
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.000	11/07/2025	19:35
5	RL Check	0.01	1	100	100		1.92	0.000	0.008	0.008	0.011	11/07/2025	19:35
6	LB137832BL		1	100	100		1.88	0.000	0.001	0.001	0.002	11/07/2025	19:36
7	LB137832BS	0.5	1	100	100		1.96	0.000	0.404	0.404	0.516	11/07/2025	19:36
8	Q3584-01		1	100	100		1.97	0.000	0.000	0.000	0.000	11/07/2025	19:37
9	Q3584-01DU		1	100	100		2.02	0.000	0.000	0.000	0.000	11/07/2025	19:37
10	Q3584-01MS	1	2	100	100		2.05	0.000	0.364	0.364	0.465	11/07/2025	19:38
11	Q3584-01MS	1	2	100	100		2.00	0.000	0.366	0.366	0.467	11/07/2025	19:38
12	Q3584-02		1	100	100		2.10	0.000	0.000	0.000	0.000	11/07/2025	19:39
13	Q3584-03		1	100	100		2.06	0.000	0.000	0.000	0.000	11/07/2025	19:39
14	Q3584-04		1	100	100		1.92	0.000	0.000	0.000	0.000	11/07/2025	19:40
15	Q3584-05		1	100	100		1.99	0.000	0.000	0.000	0.000	11/07/2025	19:40
16	CCV2	0.5	1	100	100		1.99	0.000	0.390	0.390	0.498	11/07/2025	19:41
17	CCB2		1	100	100		1.81	0.000	0.000	0.000	0.000	11/07/2025	19:41
18	Q3584-07		1	100	100		2.16	0.000	0.000	0.000	0.000	11/07/2025	19:42
19	CCV3	0.5	1	100	100		2.06	0.000	0.392	0.392	0.500	11/07/2025	19:42
20	CCB3		1	100	100		2.01	0.000	0.001	0.001	0.002	11/07/2025	19:43