

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136915

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP114358
Calibration Std. hexchrome 0.05 ppm	WP114357
calibration std. hexchrome 0.01 ppm	WP114355
calibration std. hexchrome 0 ppm	WP114365
hexavalent chromium color reagent	WP114364
5N sulfuric acid	WP112831
HEX LOD STD, 0.005PPM	WP114362
Hex LOQ Std, 0.01PPM	WP114363
Calibration Std Hexachrome 0.025 ppm	WP114356
Hexavalent Chromium ICV-LCS Std	WP114361
Calibration and CCV std HexChrome 0.5PPM	WP114359
Calibration std HexChrome 1.0PPM	WP114360

Intercept: 0

Slope: 0.7809

Regression: 0.999985

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		1.93	0.000	0.000	0.000	0		08/21/2025	16:15
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	0.008	-20	08/21/2025	16:15
3	CAL3	0.025	1	100	100		1.92	0.000	0.018	0.018	0.023	-8	08/21/2025	16:16
4	CAL4	0.05	1	100	100		1.99	0.000	0.038	0.038	0.048	-4	08/21/2025	16:16
5	CAL5	0.1	1	100	100		1.84	0.000	0.081	0.081	0.103	3	08/21/2025	16:17
6	CAL6	0.5	1	100	100		1.95	0.000	0.392	0.392	0.501	0.2	08/21/2025	16:17
7	CAL7	1	1	100	100		1.90	0.000	0.780	0.780	0.998	-0.2	08/21/2025	16:18

Analytical Summary Report

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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	0.394	0.394	0.505	08/21/2025	16:18
2	ICB		1	100	100		1.66	0.000	0.001	0.001	0.001	08/21/2025	16:19
3	CCV1	0.5	1	100	100		1.99	0.000	0.394	0.394	0.505	08/21/2025	16:19
4	CCB1		1	100	100		1.94	0.000	0.000	0.000	0.000	08/21/2025	16:20
5	RL Check	0.01	1	100	100		1.87	0.000	0.008	0.008	0.010	08/21/2025	16:20
6	1b136915BL		1	100	100		1.81	0.000	0.001	0.001	0.001	08/21/2025	16:21
7	1b136915BS	0.5	1	100	100		1.90	0.000	0.399	0.399	0.511	08/21/2025	16:21
8	Q2893-07		1	100	100		1.90	0.000	0.004	0.004	0.005	08/21/2025	16:22
9	Q2893-08		1	100	100		1.99	0.000	0.008	0.008	0.010	08/21/2025	16:22
10	Q2934-01		1	100	100		2.10	0.000	0.001	0.001	0.001	08/21/2025	16:23
11	Q2934-02		1	100	100		1.90	0.000	0.000	0.000	0.000	08/21/2025	16:23
12	Q2934-02DU		1	100	100		1.86	0.000	0.000	0.000	0.000	08/21/2025	16:24
13	Q2934-02MS	1	2	100	100		1.98	0.000	0.381	0.381	0.488	08/21/2025	16:24
14	Q2934-02MS	1	2	100	100		1.90	0.000	0.383	0.383	0.490	08/21/2025	16:25
15	Q2934-03		1	100	100		2.10	0.001	0.002	0.001	0.001	08/21/2025	16:25
16	CCV2	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	08/21/2025	16:26
17	CCB2		1	100	100		2.10	0.000	0.001	0.001	0.001	08/21/2025	16:26
18	Q2934-04		1	100	100		2.23	0.000	0.001	0.001	0.001	08/21/2025	16:27
19	CCV3	0.5	1	100	100		2.01	0.000	0.393	0.393	0.503	08/21/2025	16:27
20	CCB3		1	100	100		1.75	0.000	0.000	0.000	0.000	08/21/2025	16:28