

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134878

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112157
Calibration Std. hexchrome 0.05 ppm	WP112156
calibration std. hexchrome 0.01 ppm	WP112154
calibration std. hexchrome 0 ppm	WP112153
hexavalent chromium color reagent	WP112061
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112155
Hexavalent Chromium ICV-LCS Std	WP112160
Calibration and CCV std HexChrome 0.5PPM	WP112158
Calibration std HexChrome 1.0PPM	WP112159

Intercept: 0.0003

Slope: 0.7826

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		1.95	0.000	0.000	0.000	-0.00		03/03/2025	16:50
2	CAL2	0.01	1	100	100		1.97	0.000	0.007	0.007	0.008	-20	03/03/2025	16:51
3	CAL3	0.025	1	100	100		1.95	0.000	0.019	0.019	0.023	-8	03/03/2025	16:52
4	CAL4	0.05	1	100	100		1.99	0.000	0.040	0.040	0.050	0	03/03/2025	16:53
5	CAL5	0.1	1	100	100		2.01	0.000	0.081	0.081	0.103	3	03/03/2025	16:54
6	CAL6	0.5	1	100	100		1.97	0.000	0.391	0.391	0.499	-0.2	03/03/2025	16:55
7	CAL7	1	1	100	100		1.95	0.000	0.783	0.783	1.000	0	03/03/2025	16:56

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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		2.01	0.000	0.394	0.394	0.503	03/03/2025	16:57
2	ICB		1	100	100		1.84	0.000	0.001	0.001	0.001	03/03/2025	16:58
3	CCV1	0.5	1	100	100		1.98	0.000	0.390	0.390	0.498	03/03/2025	16:59
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	03/03/2025	17:00
5	RL Check	0.01	1	100	100		1.96	0.000	0.008	0.008	0.010	03/03/2025	17:01
6	LB134878BL		1	100	100		1.89	0.000	0.000	0.000	0.000	03/03/2025	17:02
7	LB134878BS	0.5	1	100	100		1.93	0.000	0.396	0.396	0.506	03/03/2025	17:03
8	Q1480-33		1	100	100		2.17	0.000	0.000	0.000	0.000	03/03/2025	17:04
9	Q1480-33DU		1	100	100		2.22	0.000	0.000	0.000	0.000	03/03/2025	17:05
10	Q1480-33MS	1	2	100	100		2.18	0.000	0.376	0.376	0.480	03/03/2025	17:06
11	Q1480-33MS	1	2	100	100		2.20	0.000	0.377	0.377	0.481	03/03/2025	17:07
12	CCV2	0.5	1	100	100		2.02	0.000	0.392	0.392	0.501	03/03/2025	17:08
13	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	03/03/2025	17:09

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX-3-03

WorkList ID : 187989

Department : Wet-Chemistry

Date : 03-03-2025 15:10:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1480-33	TP-3-WATER-SAMPLE	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I11	03/03/2025	7196A

Date/Time 03/03/2025 15.50
Raw Sample Received by: RM CWG
Raw Sample Relinquished by: JG GSC

Date/Time 03/03/2025 17.00
Raw Sample Received by: JM GSC
Raw Sample Relinquished by: RM CWG