

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134309

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP111460
Calibration Std. hexchrome 0.05 ppm	WP111459
calibration std. hexchrome 0.01 ppm	WP111457
calibration std. hexchrome 0 ppm	WP111456
hexavalent chromium color reagent	WP111464
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP111458
Hexavalent Chromium ICV-LCS Std	WP111463
Calibration and CCV std HexChrome 0.5PPM	WP111461
Calibration std HexChrome 1.0PPM	WP111462

Intercept: 0.0003

Slope: 0.7809

Regression: 0.999991

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		1.80	0.000	0.000	0.000	-0.00		01/16/2025	13:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	-20	01/16/2025	13:01
3	CAL3	0.025	1	100	100		1.84	0.000	0.019	0.019	0.023	-8	01/16/2025	13:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.050	0	01/16/2025	13:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.100	0	01/16/2025	13:04
6	CAL6	0.5	1	100	100		1.89	0.000	0.393	0.393	0.502	0.4	01/16/2025	13:05
7	CAL7	1	1	100	100		1.90	0.000	0.780	0.780	0.998	-0.2	01/16/2025	13:06

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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		1.91	0.000	0.390	0.390	0.499	01/16/2025	13:07
2	ICB		1	100	100		1.77	0.000	0.001	0.001	0.001	01/16/2025	13:08
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	01/16/2025	13:09
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	01/16/2025	13:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	01/16/2025	13:11
6	LB134309BL		1	100	100		1.75	0.000	0.001	0.001	0.001	01/16/2025	13:12
7	LB134309BS	0.5	1	100	100		1.91	0.000	0.394	0.394	0.504	01/16/2025	13:13
8	Q1109-02		1	100	100		2.04	0.000	0.000	0.000	0.000	01/16/2025	13:14
9	Q1109-02DU		1	100	100		2.05	0.000	0.000	0.000	0.000	01/16/2025	13:15
10	Q1109-02MS	1	2	100	100		2.04	0.000	0.382	0.382	0.489	01/16/2025	13:16
11	Q1109-02MS	1	2	100	100		2.06	0.000	0.384	0.384	0.491	01/16/2025	13:17
12	CCV2	0.5	1	100	100		1.95	0.000	0.392	0.392	0.502	01/16/2025	13:18
13	CCB2		1	100	100		1.77	0.000	0.001	0.001	0.001	01/16/2025	13:19

WORKLIST(Hardcopy Internal Chain)

66134309

WorkList Name : HEX-1-16

WorkList ID : 186952

Department : Wet-Chemistry

Date : 01-16-2025 10:57:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1109-02	TAPIAL 1-MW04S-011525-00-T2	Water	Hexavalent Chromium	Ammonium sulfate buffer	WEST04	M11	01/15/2025	7196A

Date/Time 01/16/2025 12:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JH CWC

Date/Time 01/16/2025 12:45
 Raw Sample Received by: JH CWC
 Raw Sample Relinquished by: RM CWC