

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134983

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112250
Calibration Std. hexchrome 0.05 ppm	WP112249
calibration std. hexchrome 0.01 ppm	WP112247
calibration std. hexchrome 0 ppm	WP112246
hexavalent chromium color reagent	WP112185
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112248
Hexavalent Chromium ICV-LCS Std	WP112253
Calibration and CCV std HexChrome 0.5PPM	WP112251
Calibration std HexChrome 1.0PPM	WP112252

Intercept: -0.0001

Slope: 0.7803

Regression: 0.999988

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		1.78	0.000	0.000	0.000	0.000		03/11/2025	11:15
2	CAL2	0.01	1	100	100		2.01	0.000	0.007	0.007	0.009	-10	03/11/2025	11:16
3	CAL3	0.025	1	100	100		1.90	0.000	0.018	0.018	0.023	-8	03/11/2025	11:17
4	CAL4	0.05	1	100	100		1.93	0.000	0.038	0.038	0.048	-4	03/11/2025	11:18
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.103	3	03/11/2025	11:19
6	CAL6	0.5	1	100	100		1.99	0.000	0.390	0.390	0.499	-0.2	03/11/2025	11:20
7	CAL7	1	1	100	100		1.92	0.000	0.780	0.780	0.999	-0.1	03/11/2025	11:21

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Run Number: LB134983

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	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	0.392	0.392	0.502	03/11/2025	11:22
2	ICB		1	100	100		1.88	0.000	0.001	0.001	0.001	03/11/2025	11:23
3	CCV1	0.5	1	100	100		1.89	0.000	0.394	0.394	0.505	03/11/2025	11:24
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	03/11/2025	11:25
5	RL Check	0.01	1	100	100		1.99	0.000	0.008	0.008	0.010	03/11/2025	11:26
6	lb134983BL		1	100	100		2.00	0.000	0.000	0.000	0.000	03/11/2025	11:27
7	lb134983BS	0.5	1	100	100		2.06	0.000	0.398	0.398	0.510	03/11/2025	11:28
8	Q1539-01		1	100	100		1.99	0.000	0.000	0.000	0.000	03/11/2025	11:29
9	Q1539-02		1	100	100		2.10	0.000	0.000	0.000	0.000	03/11/2025	11:30
10	Q1539-02DU		1	100	100		2.17	0.000	0.000	0.000	0.000	03/11/2025	11:31
11	Q1539-02MS	1	2	100	100		2.06	0.000	0.376	0.376	0.482	03/11/2025	11:32
12	Q1539-02MS	1	2	100	100		2.10	0.000	0.374	0.374	0.479	03/11/2025	11:33
13	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.500	03/11/2025	11:34
14	CCB2		1	100	100		1.94	0.000	0.001	0.001	0.001	03/11/2025	11:35

WORKLIST(Hardcopy Internal Chain)

26134983

WorkList Name : hex w-3-11

WorkList ID : 188200

Department : Wet-Chemistry

Date : 03-11-2025 10:03:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1539-01 L	TAPIAL3-MW03D-031025-00-T	Water	Hexavalent Chromium	Ammonium sulfate buffer	WEST04	I31	03/10/2025	7196A
Q1539-02 L	TAPFTA-MW01L-031025-00-T2	Water	Hexavalent Chromium	Ammonium sulfate buffer	WEST04	I31	03/10/2025	7196A

Date/Time 03/11/2025 10:15
 Raw Sample Received by: RM CWL
 Raw Sample Relinquished by: J. Wade

Date/Time 03/11/2025 10:50
 Raw Sample Received by: J. Wade
 Raw Sample Relinquished by: RM CWL