

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134791

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112031
Calibration Std. hexchrome 0.05 ppm	WP112030
calibration std. hexchrome 0.01 ppm	WP112028
calibration std. hexchrome 0 ppm	WP112027
hexavalent chromium color reagent	WP111960
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP112029
Hexavalent Chromium ICV-LCS Std	WP112034
Calibration and CCV std HexChrome 0.5PPM	WP112032
Calibration std HexChrome 1.0PPM	WP112033

Intercept: 0

Slope: 0.7822

Regression: 0.999982

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		1.82	0.000	0.000	0.000	0		02/24/2025	13:00
2	CAL2	0.01	1	100	100		1.94	0.000	0.006	0.006	0.007	-30	02/24/2025	13:01
3	CAL3	0.025	1	100	100		1.92	0.000	0.018	0.018	0.023	-8	02/24/2025	13:02
4	CAL4	0.05	1	100	100		1.92	0.000	0.039	0.039	0.049	-2	02/24/2025	13:03
5	CAL5	0.1	1	100	100		1.91	0.000	0.081	0.081	0.103	3	02/24/2025	13:04
6	CAL6	0.5	1	100	100		1.95	0.000	0.393	0.393	0.502	0.4	02/24/2025	13:05
7	CAL7	1	1	100	100		1.90	0.000	0.781	0.781	0.998	-0.2	02/24/2025	13:06

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Run Number: LB134791

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		1.93	0.000	0.390	0.390	0.499	02/24/2025	13:07
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.001	02/24/2025	13:08
3	CCV1	0.5	1	100	100		1.97	0.000	0.392	0.392	0.501	02/24/2025	13:09
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	02/24/2025	13:10
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.010	02/24/2025	13:11
6	lb134791BL		1	100	100		1.79	0.000	0.001	0.001	0.001	02/24/2025	13:12
7	lb134791BS	0.5	1	100	100		1.96	0.000	0.393	0.393	0.502	02/24/2025	13:13
8	Q1415-05		1	100	100		2.04	0.000	0.000	0.000	0.000	02/24/2025	13:14
9	Q1415-06		1	100	100		2.09	0.000	0.000	0.000	0.000	02/24/2025	13:15
10	Q1415-06DU		1	100	100		2.10	0.000	0.000	0.000	0.000	02/24/2025	13:16
11	Q1415-06MS	1	2	100	100		2.10	0.000	0.385	0.385	0.492	02/24/2025	13:17
12	Q1415-06MS	1	2	100	100		2.08	0.000	0.384	0.384	0.491	02/24/2025	13:18
13	CCV2	0.5	1	100	100		1.97	0.000	0.390	0.390	0.499	02/24/2025	13:19
14	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	02/24/2025	13:20

WORKLIST(Hardcopy Internal Chain)

66134791

WorkList Name : HEX-2-24

WorkList ID : 187853

Department : Wet-Chemistry

Date : 02-24-2025 10:04:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1415-05	FB02222025	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	N31	02/22/2025	7196A
Q1415-06	B-173-GW01	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	N31	02/22/2025	7196A

Date/Time 02/24/2025 09:10
 Raw Sample Received by: RM (WY)
 Raw Sample Relinquished by: JSC (WY)

Date/Time 02/24/2025 13:45
 Raw Sample Received by: JSC (WY)
 Raw Sample Relinquished by: RM (WY)