

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135974

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113327
Calibration Std. hexchrome 0.05 ppm	WP113326
calibration std. hexchrome 0.01 ppm	WP113324
calibration std. hexchrome 0 ppm	WP113323
hexavalent chromium color reagent	WP113258
5N sulfuric acid	WP112831
HEX LOD STD, 0.005PPM	WP113322
Hex LOQ Std, 0.01PPM	WP113331
Calibration Std Hexachrome 0.025 ppm	WP113325
Hexavalent Chromium ICV-LCS Std	WP113330
Calibration and CCV std HexChrome 0.5PPM	WP113328
Calibration std HexChrome 1.0PPM	WP113329

Intercept: -0

Slope: 0.7841

Regression: 0.999996

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		1.92	0.000	0.000	0.000	0		06/02/2025	09:45
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	0.010	0	06/02/2025	09:45
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.024	-4	06/02/2025	09:46
4	CAL4	0.05	1	100	100		1.97	0.000	0.038	0.038	0.048	-4	06/02/2025	09:46
5	CAL5	0.1	1	100	100		1.97	0.000	0.080	0.080	0.102	2	06/02/2025	09:47
6	CAL6	0.5	1	100	100		2.00	0.000	0.392	0.392	0.499	-0.2	06/02/2025	09:47
7	CAL7	1	1	100	100		1.95	0.000	0.784	0.784	0.999	-0.1	06/02/2025	09:48

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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. at 540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.87	0.000	0.390	0.390	0.497	06/02/2025	09:48
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	06/02/2025	09:49
3	CCV1	0.5	1	100	100		1.95	0.000	0.394	0.394	0.502	06/02/2025	09:49
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.001	06/02/2025	09:50
5	RL Check	0.01	1	100	100		1.92	0.000	0.009	0.009	0.011	06/02/2025	09:50
6	LB135974BL		1	100	100		1.79	0.000	0.000	0.000	0.000	06/02/2025	09:51
7	LB135974BS	0.5	1	100	100		1.99	0.000	0.392	0.392	0.500	06/02/2025	09:51
8	Q2126-07		1	100	100		1.85	0.000	0.005	0.005	0.006	06/02/2025	09:52
9	Q2126-08		1	100	100		1.89	0.000	0.009	0.009	0.011	06/02/2025	09:52
10	Q2177-08		1	100	100		2.11	0.000	0.000	0.000	0.000	06/02/2025	09:53
11	CCV2	0.5	1	100	100		1.91	0.000	0.391	0.391	0.499	06/02/2025	09:53
12	CCB2		1	100	100		1.74	0.000	0.001	0.001	0.001	06/02/2025	09:54

WORKLIST (Hardcopy Internal Chain)

65135974

WorkList Name : hex water-6-2 WorkList ID : 189881 Department : Wet-Chemistry Date : 06-02-2025 08:23:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2126-07	LOD-MDL-WATER-01-QT2-202	Water	Hexavalent Chromium	Ammonium sulfate buffer	ALLI03	QA Of	05/23/2025	7196A
Q2126-08	LOQ-WATER-02-QT2-2025	Water	Hexavalent Chromium	Ammonium sulfate buffer	ALLI03	QA Of	05/23/2025	7196A
Q2177-08	EB05312025	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	L41	05/31/2025	7196A

Date/Time 06/02/2025 08:30
 Raw Sample Received by: RM LWL
 Raw Sample Relinquished by: [Signature]

Date/Time 06/02/2025 10:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]