

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135579

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112876
Calibration Std. hexchrome 0.05 ppm	WP112875
calibration std. hexchrome 0.01 ppm	WP112873
calibration std. hexchrome 0 ppm	WP112872
hexavalent chromium color reagent	WP112869
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP112874
Hexavalent Chromium ICV-LCS Std	WP112879
Calibration and CCV std HexChrome 0.5PPM	WP112877
Calibration std HexChrome 1.0PPM	WP112878

Intercept: -0.0001

Slope: 0.7816

Regression: 0.999986

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		1.91	0.000	0.000	0.000	0.000		04/28/2025	09:30
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	0.009	-10	04/28/2025	09:30
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	-8	04/28/2025	09:31
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	0.050	0	04/28/2025	09:31
5	CAL5	0.1	1	100	100		2.00	0.000	0.081	0.081	0.103	3	04/28/2025	09:32
6	CAL6	0.5	1	100	100		1.99	0.000	0.389	0.389	0.497	-0.6	04/28/2025	09:32
7	CAL7	1	1	100	100		1.95	0.000	0.782	0.782	1.000	0	04/28/2025	09:33

Analytical Summary Report

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Run Number: LB135579

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		2.02	0.000	0.391	0.391	0.500	04/28/2025	09:33
2	ICB		1	100	100		1.84	0.000	0.000	0.000	0.000	04/28/2025	09:34
3	CCV1	0.5	1	100	100		1.91	0.000	0.394	0.394	0.504	04/28/2025	09:34
4	CCB1		1	100	100		1.74	0.000	0.001	0.001	0.001	04/28/2025	09:35
5	RL Check	0.01	1	100	100		1.96	0.000	0.008	0.008	0.010	04/28/2025	09:35
6	LB135579BL		1	100	100		1.83	0.000	0.001	0.001	0.001	04/28/2025	09:36
7	LB135579BS	0.5	1	100	100		2.00	0.000	0.390	0.390	0.499	04/28/2025	09:36
8	Q1901-06		1	100	100		2.04	0.000	0.000	0.000	0.000	04/28/2025	09:37
9	CCV2	0.5	1	100	100		1.88	0.000	0.394	0.394	0.504	04/28/2025	09:37
10	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	04/28/2025	09:38

WORKLIST(Hardcopy Internal Chain)

LB135579

WorkList Name : HEX W-4-28

WorkList ID : 189185

Department : Wet-Chemistry

Date : 04-28-2025 08:01:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1901-06 67	FB04262025	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	L51	04/26/2025	7196A

Date/Time 04/28/2025 08:20
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: RM (WC)

Date/Time 04/28/2025 09:20
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: RM (WC)