

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135773

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113079
Calibration Std. hexchrome 0.05 ppm	WP113078
calibration std. hexchrome 0.01 ppm	WP113076
calibration std. hexchrome 0 ppm	WP113075
hexavalent chromium color reagent	WP113083
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP113077
Hexavalent Chromium ICV-LCS Std	WP113082
Calibration and CCV std HexChrome 0.5PPM	WP113080
Calibration std HexChrome 1.0PPM	WP113081

Intercept: 0.0005

Slope: 0.7844

Regression: 0.99999

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		1.88	0.000	0.000	0.000	-0.00		05/14/2025	09:30
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	0.008	-20	05/14/2025	09:30
3	CAL3	0.025	1	100	100		1.94	0.000	0.019	0.019	0.023	-8	05/14/2025	09:31
4	CAL4	0.05	1	100	100		1.98	0.000	0.040	0.040	0.050	0	05/14/2025	09:31
5	CAL5	0.1	1	100	100		1.90	0.000	0.081	0.081	0.102	2	05/14/2025	09:32
6	CAL6	0.5	1	100	100		1.86	0.000	0.394	0.394	0.501	0.2	05/14/2025	09:32
7	CAL7	1	1	100	100		2.01	0.000	0.784	0.784	0.998	-0.2	05/14/2025	09:33



Analytical Summary Report

Analysis Method: 7196A

ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB135773

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		1.88	0.000	0.390	0.390	0.497	05/14/2025	09:33
2	ICB		1	100	100		1.74	0.000	0.001	0.001	0.001	05/14/2025	09:34
3	CCV1	0.5	1	100	100		1.92	0.000	0.390	0.390	0.497	05/14/2025	09:34
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	-0.001	05/14/2025	09:35
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	05/14/2025	09:35
6	lb135773BL		1	100	100		1.81	0.000	0.000	0.000	-0.001	05/14/2025	09:36
7	lb135773BS	0.5	1	100	100		2.00	0.000	0.394	0.394	0.502	05/14/2025	09:36
8	Q2033-01		1	100	100		2.11	0.000	0.000	0.000	-0.001	05/14/2025	09:37
9	CCV2	0.5	1	100	100		1.99	0.000	0.391	0.391	0.498	05/14/2025	09:37
10	CCB2		1	100	100		1.84	0.000	0.001	0.001	0.001	05/14/2025	09:38

# WORKLIST (Hardcopy Internal Chain)

6135773

WorkList Name : hex-5-14      WorkList ID : 189516      Department : Wet-Chemistry      Date : 05-14-2025 08:12:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2033-01	TW-WTS-08	Water	Hexavalent Chromium	Ammonium sulfate buffer	ENTA05	L41	05/12/2025	7196A

Date/Time 05/14/2025 08:15  
Raw Sample Received by: RM CWS  
Raw Sample Relinquished by: AJ Gell

Date/Time 05/14/2025 10:05  
Raw Sample Received by: RM CWS  
Raw Sample Relinquished by: RM CWS