

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137386

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115000
Calibration Std. hexchrome 0.05 ppm	WP114999
calibration std. hexchrome 0.01 ppm	WP114997
calibration std. hexchrome 0 ppm	WP114996
hexavalent chromium color reagent	WP114995
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP114998
Hexavalent Chromium ICV-LCS Std	WP115003
Calibration and CCV std HexChrome 0.5PPM	WP115001
Calibration std HexChrome 1.0PPM	WP115002

Intercept: 0.0001

Slope: 0.7841

Regression: 0.999987

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	-0.00		10/01/2025	12:40
2	CAL2	0.01	1	100	100		1.99	0.000	0.007	0.007	0.008	-20	10/01/2025	12:40
3	CAL3	0.025	1	100	100		2.01	0.000	0.019	0.019	0.024	-4	10/01/2025	12:41
4	CAL4	0.05	1	100	100		2.06	0.000	0.040	0.040	0.050	0	10/01/2025	12:41
5	CAL5	0.1	1	100	100		2.02	0.000	0.081	0.081	0.103	3	10/01/2025	12:42
6	CAL6	0.5	1	100	100		1.97	0.000	0.390	0.390	0.497	-0.6	10/01/2025	12:42
7	CAL7	1	1	100	100		1.92	0.000	0.785	0.785	1.001	0.1	10/01/2025	12:43

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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		1.90	0.000	0.394	0.394	0.502	10/01/2025	12:43
2	ICB		1	100	100		2.01	0.000	0.001	0.001	0.001	10/01/2025	12:44
3	CCV1	0.5	1	100	100		2.07	0.000	0.390	0.390	0.497	10/01/2025	12:44
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	10/01/2025	12:45
5	RL Check	0.01	1	100	100		2.02	0.000	0.008	0.008	0.010	10/01/2025	12:45
6	LB137386BL		1	100	100		2.00	0.000	0.001	0.001	0.001	10/01/2025	12:46
7	LB137386BS	0.5	1	100	100		1.97	0.000	0.402	0.402	0.513	10/01/2025	12:46
8	Q3258-06		1	100	100		1.95	0.000	0.000	0.000	0.000	10/01/2025	12:47
9	CCV2	0.5	1	100	100		2.00	0.000	0.395	0.395	0.504	10/01/2025	12:47
10	CCB2		1	100	100		1.89	0.000	0.000	0.000	0.000	10/01/2025	12:48

WORKLIST(Hardcopy Internal Chain)

66137386

WorkList Name : HEX-10-01-

WorkList ID : 192217

Department : Wet-Chemistry

Date : 10-01-2025 10:49:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3258-06	COMPOSITE	Water	Hexavalent Chromium	Ammonium sulfate buffer	DALT01	D31	09/30/2025	7196A

Date/Time 10/01/2025 11:05
 Raw Sample Received by: RMCCW
 Raw Sample Relinquished by: RMCCW

Date/Time 10/01/2025 13:00
 Raw Sample Received by: RMCCW
 Raw Sample Relinquished by: RMCCW