

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134549

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP111772
Calibration Std. hexchrome 0.05 ppm	WP111771
calibration std. hexchrome 0.01 ppm	WP111769
calibration std. hexchrome 0 ppm	WP111768
hexavalent chromium color reagent	WP111767
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP111770
Hexavalent Chromium ICV-LCS Std	WP111775
Calibration and CCV std HexChrome 0.5PPM	WP111773
Calibration std HexChrome 1.0PPM	WP111774

Intercept: 0.0003

Slope: 0.7834

Regression: 0.999991

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		1.81	0.000	0.000	0.000	-0.00		02/04/2025	12:40
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	-20	02/04/2025	12:41
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	02/04/2025	12:42
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	0.049	-2	02/04/2025	12:43
5	CAL5	0.1	1	100	100		1.87	0.000	0.081	0.081	0.103	3	02/04/2025	12:44
6	CAL6	0.5	1	100	100		1.89	0.000	0.393	0.393	0.501	0.2	02/04/2025	12:45
7	CAL7	1	1	100	100		1.88	0.000	0.783	0.783	0.999	-0.1	02/04/2025	12:46

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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	0.392	0.392	0.500	02/04/2025	12:47
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.001	02/04/2025	12:48
3	CCV1	0.5	1	100	100		1.92	0.000	0.390	0.390	0.497	02/04/2025	12:49
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	02/04/2025	12:50
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	02/04/2025	12:51
6	lb134549BL		1	100	100		1.78	0.000	0.001	0.001	0.001	02/04/2025	12:52
7	lb134549BS	0.5	1	100	100		1.91	0.000	0.396	0.396	0.505	02/04/2025	12:53
8	Q1282-01		1	100	100		2.05	0.000	0.000	0.000	0.000	02/04/2025	12:54
9	CCV2	0.5	1	100	100		1.95	0.000	0.394	0.394	0.503	02/04/2025	12:55
10	CCB2		1	100	100		1.81	0.000	0.000	0.000	0.000	02/04/2025	12:56

WORKLIST(Hardcopy Internal Chain)

6134549

WorkList Name : hex-2-3

WorkList ID : 187443

Department : Wet-Chemistry

Date : 02-03-2025 16:43:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1282-01	SW-WTS-02	Water	Hexavalent Chromium	Ammonium sulfate buffer	ENTA05	D11	01/31/2025	7196A

Date/Time 02/03/2025 16.50
 Raw Sample Received by: RM (w.c.)
 Raw Sample Relinquished by: JB (w.c.)

Date/Time 02/04/2025 12.30
 Raw Sample Received by: JB (w.c.)
 Raw Sample Relinquished by: RM (w.c.)