

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136692

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP114159
Calibration Std. hexchrome 0.05 ppm	WP114158
calibration std. hexchrome 0.01 ppm	WP114156
calibration std. hexchrome 0 ppm	WP114155
hexavalent chromium color reagent	WP114145
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP114157
Hexavalent Chromium ICV-LCS Std	WP114162
Calibration and CCV std HexChrome 0.5PPM	WP114160
Calibration std HexChrome 1.0PPM	WP114161

Intercept: 0.0002

Slope: 0.7802

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		1.74	0.000	0.000	0.000	-0.00		08/04/2025	15:20
2	CAL2	0.01	1	100	100		2.04	0.000	0.009	0.009	0.011	10	08/04/2025	15:20
3	CAL3	0.025	1	100	100		1.98	0.000	0.019	0.019	0.024	-4	08/04/2025	15:21
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.048	-4	08/04/2025	15:21
5	CAL5	0.1	1	100	100		2.01	0.000	0.079	0.079	0.101	1	08/04/2025	15:22
6	CAL6	0.5	1	100	100		1.99	0.000	0.391	0.391	0.500	0	08/04/2025	15:22
7	CAL7	1	1	100	100		2.05	0.000	0.780	0.780	0.999	-0.1	08/04/2025	15:23

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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.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	0.502	08/04/2025	15:23
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.000	08/04/2025	15:24
3	CCV1	0.5	1	100	100		1.98	0.000	0.390	0.390	0.500	08/04/2025	15:24
4	CCB1		1	100	100		1.67	0.000	0.000	0.000	0.000	08/04/2025	15:25
5	RL Check	0.01	1	100	100		2.01	0.000	0.009	0.009	0.011	08/04/2025	15:25
6	lb136692BL		1	100	100		2.00	0.000	0.000	0.000	0.000	08/04/2025	15:26
7	lb136692BS	0.5	1	100	100		2.06	0.000	0.398	0.398	0.510	08/04/2025	15:26
8	Q2759-04		10	100	100		2.17	0.038	0.038	0.000	0.000	08/04/2025	15:27
9	Q2759-04DU		10	100	100		2.13	0.039	0.039	0.000	0.000	08/04/2025	15:27
10	Q2759-04MS	1	2	100	1000		2.18	0.039	0.227	0.188	0.241	08/04/2025	15:28
11	Q2759-04MS	1	2	100	1000		2.21	0.039	0.230	0.191	0.245	08/04/2025	15:28
12	CCV2	0.5	1	100	100		1.95	0.000	0.390	0.390	0.500	08/04/2025	15:29
13	CCB2		1	100	100		1.86	0.000	0.000	0.000	0.000	08/04/2025	15:29

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex-2759

WorkList ID : 191095

Department : Wet-Chemistry

Date : 08-04-2025 11:04:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2759-04	LIQUID-DRUMS	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D31	08/04/2025	SM3500-Cr B

Date/Time 08/04/2025 12:00
Raw Sample Received by: RTH (wv)
Raw Sample Relinquished by: RTH (wv)

Date/Time 08/04/2025 15:50
Raw Sample Received by: RTH (wv)
Raw Sample Relinquished by: RTH (wv)