

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134190

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP111305
Calibration Std. hexchrome 0.05 ppm	WP111304
calibration std. hexchrome 0.01 ppm	WP111302
calibration std. hexchrome 0 ppm	WP111301
hexavalent chromium color reagent	WP111293
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP111303
Hexavalent Chromium ICV-LCS Std	WP111308
Calibration and CCV std HexChrome 0.5PPM	WP111306
Calibration std HexChrome 1.0PPM	WP111307

Intercept: -0

Slope: 0.7816

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		1.75	0.000	0.000	0.000	0		01/08/2025	13:10
2	CAL2	0.01	1	100	100		1.89	0.000	0.009	0.009	0.011	10	01/08/2025	13:11
3	CAL3	0.025	1	100	100		1.84	0.000	0.019	0.019	0.024	-4	01/08/2025	13:12
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	01/08/2025	13:13
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	01/08/2025	13:14
6	CAL6	0.5	1	100	100		1.86	0.000	0.390	0.390	0.498	-0.4	01/08/2025	13:15
7	CAL7	1	1	100	100		1.85	0.000	0.782	0.782	1.000	0	01/08/2025	13:16

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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	01/08/2025	13:17
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	01/08/2025	13:18
3	CCV1	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	01/08/2025	13:19
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	01/08/2025	13:20
5	RL Check	0.01	1	100	100		1.90	0.000	0.010	0.010	0.013	01/08/2025	13:21
6	lb134190BL		1	100	100		1.75	0.000	0.000	0.000	0.000	01/08/2025	13:22
7	lb134190BS	0.5	1	100	100		1.94	0.000	0.400	0.400	0.512	01/08/2025	13:23
8	Q1033-01		1	100	100		2.06	0.000	0.000	0.000	0.000	01/08/2025	13:24
9	Q1033-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	01/08/2025	13:25
10	Q1033-01MS	1	2	100	100		2.07	0.000	0.387	0.387	0.495	01/08/2025	13:26
11	Q1033-01MS	1	2	100	100		2.06	0.000	0.389	0.389	0.498	01/08/2025	13:27
12	CCV2	0.5	1	100	100		1.79	0.000	0.392	0.392	0.502	01/08/2025	13:28
13	CCB2		1	100	100		1.92	0.000	0.000	0.000	0.000	01/08/2025	13:29

WORKLIST(Hardcopy Internal Chain)

6134190

WorkList Name : hex-01-08

WorkList ID : 186812

Department : Wet-Chemistry

Date : 01-08-2025 11:11:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1033-01	28612	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	N41	01/08/2025	SM3500-Cr B

Date/Time 01/08/2025 12.00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JH CWC

Date/Time 01/08/2025 13.00
 Raw Sample Received by: JH CWC
 Raw Sample Relinquished by: RM CWC