

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135843

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113153
Calibration Std. hexchrome 0.05 ppm	WP113152
calibration std. hexchrome 0.01 ppm	WP113150
calibration std. hexchrome 0 ppm	WP113149
hexavalent chromium color reagent	WP113083
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP113151
Hexavalent Chromium ICV-LCS Std	WP113156
Calibration and CCV std HexChrome 0.5PPM	WP113154
Calibration std HexChrome 1.0PPM	WP113155

Intercept: 0.0001

Slope: 0.7819

Regression: 0.999998

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		1.90	0.000	0.000	0.000	-0.00		05/20/2025	14:30
2	CAL2	0.01	1	100	100		1.98	0.000	0.009	0.009	0.011	10	05/20/2025	14:30
3	CAL3	0.025	1	100	100		1.91	0.000	0.019	0.019	0.024	-4	05/20/2025	14:31
4	CAL4	0.05	1	100	100		1.96	0.000	0.039	0.039	0.049	-2	05/20/2025	14:31
5	CAL5	0.1	1	100	100		2.01	0.000	0.078	0.078	0.099	-1	05/20/2025	14:32
6	CAL6	0.5	1	100	100		2.00	0.000	0.391	0.391	0.499	-0.2	05/20/2025	14:32
7	CAL7	1	1	100	100		1.93	0.000	0.782	0.782	1	0	05/20/2025	14:33

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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		1.86	0.000	0.390	0.390	0.499	05/20/2025	14:33
2	ICB		1	100	100		1.82	0.000	0.000	0.000	0.000	05/20/2025	14:34
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.501	05/20/2025	14:34
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	05/20/2025	14:35
5	RL Check	0.01	1	100	100		1.89	0.000	0.009	0.009	0.011	05/20/2025	14:35
6	LB135843BL		1	100	100		1.78	0.000	0.000	0.000	0.000	05/20/2025	14:36
7	LB135843BS	0.5	1	100	100		1.98	0.000	0.392	0.392	0.501	05/20/2025	14:36
8	Q2088-01		1	100	100		2.09	0.000	0.000	0.000	0.000	05/20/2025	14:37
9	Q2088-01DU		1	100	100		2.10	0.000	0.000	0.000	0.000	05/20/2025	14:37
10	Q2088-01MS	1	2	100	100		2.10	0.000	0.372	0.372	0.476	05/20/2025	14:38
11	Q2088-01MS	1	2	100	100		2.11	0.000	0.371	0.371	0.474	05/20/2025	14:38
12	CCV2	0.5	1	100	100		1.96	0.000	0.391	0.391	0.500	05/20/2025	14:39
13	CCB2		1	100	100		1.81	0.000	0.000	0.000	0.000	05/20/2025	14:39

WORKLIST(Hardcopy Internal Chain)

6135843

WorkList Name : hex-05-20

WorkList ID : 189644

Department : Wet-Chemistry

Date : 05-20-2025 12:10:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2088-01	252820	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	05/20/2025	SM3500-Cr B

Date/Time 05/20/2025 12:30
 Raw Sample Received by: RM wsc
 Raw Sample Relinquished by: RM wsc

Date/Time 05/20/2025 13:40
 Raw Sample Received by: RM wsc
 Raw Sample Relinquished by: RM wsc