

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135094

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP112367
Calibration Std. hexchrome 0.05 ppm	WP112366
calibration std. hexchrome 0.01 ppm	WP112364
calibration std. hexchrome 0 ppm	WP112363
hexavalent chromium color reagent	WP112371
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP112365
Hexavalent Chromium ICV-LCS Std	WP112370
Calibration and CCV std HexChrome 0.5PPM	WP112368
Calibration std HexChrome 1.0PPM	WP112369

Intercept: 0.0003

Slope: 0.7816

Regression: 0.999979

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		1.88	0.000	0.000	0.000	-0.00		03/19/2025	16:40
2	CAL2	0.01	1	100	100		1.82	0.000	0.008	0.008	0.009	-10	03/19/2025	16:41
3	CAL3	0.025	1	100	100		1.95	0.000	0.019	0.019	0.023	-8	03/19/2025	16:42
4	CAL4	0.05	1	100	100		1.90	0.000	0.038	0.038	0.048	-4	03/19/2025	16:43
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	0.100	0	03/19/2025	16:44
6	CAL6	0.5	1	100	100		1.98	0.000	0.395	0.395	0.504	0.8	03/19/2025	16:45
7	CAL7	1	1	100	100		1.85	0.000	0.780	0.780	0.997	-0.3	03/19/2025	16:46

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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		1.94	0.000	0.396	0.396	0.506	03/19/2025	16:47
2	ICB		1	100	100		1.82	0.000	0.000	0.000	0.000	03/19/2025	16:48
3	CCV1	0.5	1	100	100		1.88	0.000	0.392	0.392	0.501	03/19/2025	16:49
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	03/19/2025	16:50
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	03/19/2025	16:51
6	LB135094BL		1	100	100		1.92	0.000	0.000	0.000	0.000	03/19/2025	16:52
7	LB135094BS	0.5	1	100	100		1.99	0.000	0.406	0.406	0.519	03/19/2025	16:53
8	Q1505-02		1	100	100		2.01	0.000	0.421	0.421	0.538	03/19/2025	16:54
9	Q1604-02		1	100	100		2.19	0.000	0.000	0.000	0.000	03/19/2025	16:55
10	Q1604-02DU		1	100	100		2.25	0.000	0.000	0.000	0.000	03/19/2025	16:56
11	Q1604-02MS	1	2	100	100		2.27	0.000	0.377	0.377	0.482	03/19/2025	16:57
12	Q1604-02MS	1	2	100	100		2.20	0.000	0.373	0.373	0.477	03/19/2025	16:58
13	Q1606-11		1	100	100		2.10	0.000	0.000	0.000	0.000	03/19/2025	16:59
14	CCV2	0.5	1	100	100		2.10	0.000	0.402	0.402	0.514	03/19/2025	17:00
15	CCB2		1	100	100		1.98	0.000	0.000	0.000	0.000	03/19/2025	17:01

WORKLIST(Hardcopy Internal Chain)

66135094

WorkList Name : HEX-3-19

WorkList ID : 188378

Department : Wet-Chemistry

Date : 03-19-2025 13:37:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1505-02	PT-CR6-WP	Water	Hexavalent Chromium	Ammonium sulfate buffer	ALLI03	QA Of	03/03/2025	SM3500-Cr B
Q1604-02	FRAC-TANK-N45878	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I41	03/19/2025	SM3500-Cr B

Date/Time 03/19/2025 13:55
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: RLC

Date/Time 03/19/2025 14:50
 Raw Sample Received by: RLC
 Raw Sample Relinquished by: RLC