

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135811

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113122
Calibration Std. hexchrome 0.05 ppm	WP113121
calibration std. hexchrome 0.01 ppm	WP113119
calibration std. hexchrome 0 ppm	WP113118
hexavalent chromium color reagent	WP113083
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP113120
Hexavalent Chromium ICV-LCS Std	WP113125
Calibration and CCV std HexChrome 0.5PPM	WP113123
Calibration std HexChrome 1.0PPM	WP113124

Intercept: 0.0003

Slope: 0.7804

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		1.78	0.000	0.000	0.000	-0.00		05/16/2025	17:01
2	CAL2	0.01	1	100	100		1.98	0.000	0.009	0.009	0.011	10	05/16/2025	17:01
3	CAL3	0.025	1	100	100		1.91	0.000	0.019	0.019	0.023	-8	05/16/2025	17:02
4	CAL4	0.05	1	100	100		1.95	0.000	0.039	0.039	0.049	-2	05/16/2025	17:02
5	CAL5	0.1	1	100	100		1.92	0.000	0.078	0.078	0.099	-1	05/16/2025	17:03
6	CAL6	0.5	1	100	100		1.88	0.000	0.392	0.392	0.501	0.2	05/16/2025	17:03
7	CAL7	1	1	100	100		1.90	0.000	0.780	0.780	0.999	-0.1	05/16/2025	17:04

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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		1.93	0.000	0.390	0.390	0.499	05/16/2025	17:04
2	ICB		1	100	100		1.84	0.000	0.000	0.000	0.000	05/16/2025	17:05
3	CCV1	0.5	1	100	100		1.87	0.000	0.392	0.392	0.502	05/16/2025	17:05
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	05/16/2025	17:06
5	RL Check	0.01	1	100	100		1.89	0.000	0.010	0.010	0.012	05/16/2025	17:06
6	LB135811BL		1	100	100		1.85	0.000	0.000	0.000	0.000	05/16/2025	17:07
7	LB135811BS	0.5	1	100	100		1.99	0.000	0.392	0.392	0.502	05/16/2025	17:07
8	Q2065-01		1	100	100		2.16	0.000	0.000	0.000	0.000	05/16/2025	17:08
9	Q2067-01		1	100	100		2.07	0.000	0.000	0.000	0.000	05/16/2025	17:08
10	Q2067-01DU		1	100	100		2.10	0.000	0.000	0.000	0.000	05/16/2025	17:09
11	Q2067-01MS	1	2	100	100		2.11	0.000	0.363	0.363	0.465	05/16/2025	17:09
12	Q2067-01MS	1	2	100	100		2.10	0.000	0.364	0.364	0.466	05/16/2025	17:10
13	Q2068-03		1	100	100		2.21	0.000	0.000	0.000	0.000	05/16/2025	17:10
14	CCV2	0.5	1	100	100		1.96	0.000	0.390	0.390	0.499	05/16/2025	17:11
15	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	05/16/2025	17:11

WORKLIST(Hardcopy Internal Chain)

66135811

WorkList Name : HEX-WATER-5-16

WorkList ID : 189583

Department : Wet-Chemistry

Date : 05-16-2025 15:54:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2068-03	LAW-25-0074	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	05/16/2025	SM3500-Cr B

Date/Time 05/16/2025 16:05
 Raw Sample Received by: RM cwcj
 Raw Sample Relinquished by: JH CWCJ

Date/Time 05/16/2025 16:50
 Raw Sample Received by: JH CWCJ
 Raw Sample Relinquished by: RM cwcj

WORKLIST(Hardcopy Internal Chain)

613584

WorkList Name : hex-05-16

WorkList ID : 189576

Department : Wet-Chemistry

Date : 05-16-2025 14:04:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2065-01	VACTRUCK-728068	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L41	05/16/2025	SM3500-Cr B
Q2067-01	303-PPR-FRAC	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L41	05/16/2025	SM3500-Cr B

Date/Time 05/16/2025 14:30
 Raw Sample Received by: R14 [signature]
 Raw Sample Relinquished by: [signature]

Date/Time 05/16/2025 16:56
 Raw Sample Received by: [signature]
 Raw Sample Relinquished by: [signature]