

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132672

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109979
Calibration Std. hexchrome 0.05 ppm	WP109978
calibration std. hexchrome 0.01 ppm	WP109976
calibration std. hexchrome 0 ppm	WP109975
hexavalent chromium color reagent	WP109886
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP109977
Hexavalent Chromium ICV-LCS Std	WP109982
Calibration and CCV std HexChrome 0.5PPM	WP109980
Calibration std HexChrome 1.0PPM	WP109981

Intercept: 0.0003

Slope: 0.7816

Regression: 0.999995

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		1.81	0.000	0.000	0.000	-0.00		09/30/2024	16:55
2	CAL2	0.01	1	100	100		1.88	0.000	0.010	0.010	0.012	20	09/30/2024	16:56
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.023	-8	09/30/2024	16:57
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	0.049	-2	09/30/2024	16:58
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.099	-1	09/30/2024	16:59
6	CAL6	0.5	1	100	100		1.86	0.000	0.391	0.391	0.499	-0.2	09/30/2024	17:00
7	CAL7	1	1	100	100		1.90	0.000	0.782	0.782	1.000	0	09/30/2024	17:01



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132672

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	0.390	0.390	0.499	09/30/2024	17:02
2	ICB		1	100	100		1.79	0.001	0.001	0.000	0.000	09/30/2024	17:03
3	CCV1	0.5	1	100	100		1.94	0.000	0.391	0.391	0.500	09/30/2024	17:04
4	CCB1		1	100	100		1.79	0.001	0.001	0.000	0.000	09/30/2024	17:05
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	09/30/2024	17:06
6	LB132672BL		1	100	100		1.76	0.000	0.000	0.000	0.000	09/30/2024	17:07
7	LB132672BS	0.5	1	100	100		1.91	0.000	0.399	0.399	0.510	09/30/2024	17:08
8	P4235-02		1	100	100		2.18	0.000	0.091	0.091	0.116	09/30/2024	17:09
9	P4235-02DU		1	100	100		2.20	0.000	0.091	0.091	0.116	09/30/2024	17:10
10	P4235-02MS	1	2	100	100		2.20	0.000	0.480	0.480	0.614	09/30/2024	17:11
11	P4235-02MS	1	2	100	100		2.16	0.000	0.482	0.482	0.616	09/30/2024	17:12
12	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	09/30/2024	17:13
13	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	09/30/2024	17:14

WORKLIST(Hardcopy Internal Chain)

6132672

WorkList Name : HEX W-9-30

WorkList ID : 183970

Department : Wet-Chemistry

Date : 09-30-2024 13:36:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4235-02	A1403	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	J51	09/30/2024	SM3500-Cr B

Date/Time 09/30/2024 14:10

Raw Sample Received by: RM CWG

Raw Sample Relinquished by: MCoel

Date/Time 09/30/2024 16:50

Raw Sample Received by: MCoel

Raw Sample Relinquished by: RHCWG