

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134026

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP111168
Calibration Std. hexchrome 0.05 ppm	WP111167
calibration std. hexchrome 0.01 ppm	WP111165
calibration std. hexchrome 0 ppm	WP111164
hexavalent chromium color reagent	WP111113
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP111166
Hexavalent Chromium ICV-LCS Std	WP111171
Calibration and CCV std HexChrome 0.5PPM	WP111169
Calibration std HexChrome 1.0PPM	WP111170

Intercept: -0.0003

Slope: 0.7812

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		1.79	0.000	0.000	0.000	0.000		12/20/2024	09:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	0.010	0	12/20/2024	09:31
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	-8	12/20/2024	09:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.050	0	12/20/2024	09:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.100	0	12/20/2024	09:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	-0.2	12/20/2024	09:35
7	CAL7	1	1	100	100		1.86	0.000	0.781	0.781	1.000	0	12/20/2024	09:36

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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		1.91	0.000	0.390	0.390	0.500	12/20/2024	09:37
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	12/20/2024	09:38
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	12/20/2024	09:39
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	12/20/2024	09:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	12/20/2024	09:41
6	LB134026BL		1	100	100		1.78	0.000	0.000	0.000	0.000	12/20/2024	09:42
7	LB134026BS	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	12/20/2024	09:43
8	P5356-01		1	100	100		2.06	0.000	0.000	0.000	0.000	12/20/2024	09:44
9	P5356-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	12/20/2024	09:45
10	P5356-01MS	1	2	100	100		2.10	0.000	0.385	0.385	0.493	12/20/2024	09:46
11	P5356-01MS	1	2	100	100		2.11	0.000	0.388	0.388	0.497	12/20/2024	09:47
12	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	12/20/2024	09:48
13	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	12/20/2024	09:49