

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132714

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110012
Calibration Std. hexchrome 0.05 ppm	WP110011
calibration std. hexchrome 0.01 ppm	WP110009
calibration std. hexchrome 0 ppm	WP110008
hexavalent chromium color reagent	WP109994
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP110010
Hexavalent Chromium ICV-LCS Std	WP110015
Calibration and CCV std HexChrome 0.5PPM	WP110013
Calibration std HexChrome 1.0PPM	WP110014

Intercept: 0

Slope: 0.7816

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		1.76	0.000	0.000	0.000	0		10/02/2024	17:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	10/02/2024	17:01
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.024	-4	10/02/2024	17:02
4	CAL4	0.05	1	100	100		1.90	0.000	0.039	0.039	0.049	-2	10/02/2024	17:03
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.099	-1	10/02/2024	17:04
6	CAL6	0.5	1	100	100		1.89	0.000	0.390	0.390	0.498	-0.4	10/02/2024	17:05
7	CAL7	1	1	100	100		1.90	0.000	0.782	0.782	1.000	0	10/02/2024	17:06



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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		1.93	0.000	0.392	0.392	0.502	10/02/2024	17:07
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	10/02/2024	17:08
3	CCV1	0.5	1	100	100		1.94	0.000	0.391	0.391	0.500	10/02/2024	17:09
4	CCB1		1	100	100		1.76	0.001	0.001	0.000	0.000	10/02/2024	17:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	10/02/2024	17:11
6	LB132714BL		1	100	100		1.81	0.001	0.001	0.000	0.000	10/02/2024	17:12
7	LB132714BS	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	10/02/2024	17:13
8	P4271-07		1	100	100		2.06	0.000	0.000	0.000	0.000	10/02/2024	17:14
9	P4274-01		1	100	100		2.04	0.000	0.000	0.000	0.000	10/02/2024	17:15
10	P4274-01DU		1	100	100		2.08	0.000	0.000	0.000	0.000	10/02/2024	17:16
11	P4274-01MS	1	2	100	100		2.10	0.000	0.386	0.386	0.494	10/02/2024	17:17
12	P4274-01MS	1	2	100	100		2.10	0.000	0.385	0.385	0.493	10/02/2024	17:18
13	CCV2	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	10/02/2024	17:19
14	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	10/02/2024	17:20