

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130189

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107289
Calibration Std. hexchrome 0.05 ppm	WP107288
calibration std. hexchrome 0.01 ppm	WP107285
calibration std. hexchrome 0 ppm	WP107286
hexavalent chromium color reagent	WP107234
0.2N SULFURIC ACID	WP106542
Calibration Std Hexachrome 0.025 ppm	WP107287
Hexavalent Chromium ICV-LCS Std	WP107292
Calibration and CCV std HexChrome 0.5PPM	WP107290
Calibration std HexChrome 1.0PPM	WP107291

Intercept: 0.0005

Slope: 0.7817

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		1.78	0.000	0.000	0.000	-0.00		04/05/2024	11:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.010	0.010	0.012	20	04/05/2024	11:31
3	CAL3	0.025	1	100	100		1.84	0.000	0.019	0.019	0.023	-8	04/05/2024	11:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.049	-2	04/05/2024	11:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.100	0	04/05/2024	11:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.500	0	04/05/2024	11:35
7	CAL7	1	1	100	100		1.85	0.000	0.782	0.782	0.999	-0.1	04/05/2024	11:36



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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		1.91	0.000	0.390	0.390	0.498	04/05/2024	11:37
2	ICB		1	100	100		1.77	0.000	0.000	0.000	-0.001	04/05/2024	11:38
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.501	04/05/2024	11:39
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	04/05/2024	11:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	04/05/2024	11:41
6	LB130189BL		1	100	100		1.76	0.000	0.000	0.000	-0.001	04/05/2024	11:42
7	LB130189BS	0.5	1	100	100		1.92	0.000	0.402	0.402	0.514	04/05/2024	11:43
8	P1911-02		1	100	100		2.00	0.000	0.435	0.435	0.556	04/05/2024	11:44
9	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	04/05/2024	11:45
10	CCB2		1	100	100		1.78	0.000	0.000	0.000	-0.001	04/05/2024	11:46