

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132588

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109901
Calibration Std. hexchrome 0.05 ppm	WP109900
calibration std. hexchrome 0.01 ppm	WP109898
calibration std. hexchrome 0 ppm	WP109897
hexavalent chromium color reagent	WP109886
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP109899
Hexavalent Chromium ICV-LCS Std	WP109904
Calibration and CCV std HexChrome 0.5PPM	WP109902
Calibration std HexChrome 1.0PPM	WP109903

Intercept: 0.0002

Slope: 0.7814

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		1.79	0.000	0.000	0.000	-0.00		09/25/2024	08:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	09/25/2024	08:31
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.024	-4	09/25/2024	08:32
4	CAL4	0.05	1	100	100		1.84	0.000	0.038	0.038	0.048	-4	09/25/2024	08:33
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.100	0	09/25/2024	08:34
6	CAL6	0.5	1	100	100		1.88	0.000	0.392	0.392	0.501	0.2	09/25/2024	08:35
7	CAL7	1	1	100	100		1.85	0.000	0.781	0.781	0.999	-0.1	09/25/2024	08:36



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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		1.90	0.000	0.391	0.391	0.500	09/25/2024	08:37
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	09/25/2024	08:38
3	CCV1	0.5	1	100	100		1.86	0.000	0.390	0.390	0.499	09/25/2024	08:39
4	CCB1		1	100	100		1.87	0.001	0.001	0.000	0.000	09/25/2024	08:40
5	RL Check	0.01	1	100	100		1.89	0.000	0.010	0.010	0.013	09/25/2024	08:41
6	lb132588BL		1	100	100		1.77	0.000	0.000	0.000	0.000	09/25/2024	08:42
7	lb132588BS	0.5	1	100	100		1.92	0.000	0.400	0.400	0.512	09/25/2024	08:43
8	P4176-01		1	100	100		2.10	0.001	0.001	0.000	0.000	09/25/2024	08:44
9	P4176-01DU		1	100	100		2.10	0.001	0.001	0.000	0.000	09/25/2024	08:45
10	P4176-01MS	1	2	100	100		2.06	0.001	0.391	0.390	0.499	09/25/2024	08:46
11	P4176-01MS	1	2	100	100		2.14	0.001	0.388	0.387	0.495	09/25/2024	08:47
12	P4176-02		1	100	100		2.10	0.000	0.000	0.000	0.000	09/25/2024	08:48
13	P4176-03		1	100	100		2.06	0.001	0.001	0.000	0.000	09/25/2024	08:49
14	P4176-04		1	100	100		2.10	0.000	0.000	0.000	0.000	09/25/2024	08:50
15	P4176-05		1	100	100		2.16	0.001	0.001	0.000	0.000	09/25/2024	08:51
16	CCV2	0.5	1	100	100		1.92	0.000	0.392	0.392	0.501	09/25/2024	08:52
17	CCB2		1	100	100		1.81	0.000	0.000	0.000	0.000	09/25/2024	08:53
18	P4176-06		1	100	100		2.06	0.001	0.001	0.000	0.000	09/25/2024	08:54
19	CCV3	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	09/25/2024	08:55
20	CCB3		1	100	100		1.78	0.001	0.001	0.000	0.000	09/25/2024	08:56