

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Sohil

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123447

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP100400
Calibration Std. hexchrome 0.05 ppm	WP100401
calibration std. hexchrome 0.01 ppm	WP100403
calibration std. hexchrome 0 ppm	WP100404
hexavalent chromium color reagent	WP100406
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP100402
Hexavalent Chromium ICV-LCS Std	WP100405
Calibration and CCV std HexChrome 0.5PPM	WP100399
Calibration std HexChrome 1.0PPM	WP100398

Intercept: -0.0007

Slope: 0.7808

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		2.02	0.000	0.000	0.000	0.000		12/27/2022	10:45
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	0.009	10	12/27/2022	10:46
3	CAL3	0.025	1	100	100		1.90	0.000	0.018	0.018	0.023	8	12/27/2022	10:47
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	0.049	2	12/27/2022	10:48
5	CAL5	0.1	1	100	100		1.75	0.000	0.078	0.078	0.100	0	12/27/2022	10:49
6	CAL6	0.5	1	100	100		1.96	0.000	0.390	0.390	0.500	0	12/27/2022	10:50
7	CAL7	1	1	100	100		2.05	0.000	0.780	0.780	0.999	0.1	12/27/2022	10:51



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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		1.72	0.000	0.392	0.392	0.503	12/27/2022	10:55
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.001	12/27/2022	10:56
3	CCV1	0.5	1	100	100		1.90	0.000	0.382	0.382	0.490	12/27/2022	10:57
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.001	12/27/2022	10:58
5	RL Check	0.01	1	100	100		1.81	0.000	0.007	0.007	0.010	12/27/2022	10:59
6	LB123447BL		1	100	100		2.03	0.000	0.000	0.000	0.001	12/27/2022	11:00
7	LB123447BS	0.5	1	100	100		2.04	0.000	0.386	0.386	0.495	12/27/2022	11:01
8	N6152-01		1	100	100		2.02	0.000	0.000	0.000	0.001	12/27/2022	11:02
9	N6152-01DU		1	100	100		1.96	0.000	0.000	0.000	0.001	12/27/2022	11:03
10	N6152-01MS	1	2	100	100		2.04	0.000	0.378	0.378	0.485	12/27/2022	11:04
11	N6152-01MS	1	2	100	100		2.06	0.000	0.379	0.379	0.486	12/27/2022	11:05
12	CCV2	0.5	1	100	100		1.82	0.000	0.389	0.389	0.499	12/27/2022	11:06
13	CCB2		1	100	100		2.02	0.000	0.000	0.000	0.001	12/27/2022	11:07