

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Sohil

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123162

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP100149
Calibration Std. hexchrome 0.05 ppm	WP100150
calibration std. hexchrome 0.01 ppm	WP100152
calibration std. hexchrome 0 ppm	WP100153
hexavalent chromium color reagent	WP100139
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP100151
Hexavalent Chromium ICV-LCS Std	WP100154
Calibration and CCV std HexChrome 0.5PPM	WP100148
Calibration std HexChrome 1.0PPM	WP100147

Intercept: -0.0009

Slope: 0.7811

Regression: 0.999997

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	0.001		12/08/2022	11:01
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	20	12/08/2022	11:02
3	CAL3	0.025	1	100	100		2.06	0.000	0.018	0.018	0.024	4	12/08/2022	11:03
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	0.049	2	12/08/2022	11:05
5	CAL5	0.1	1	100	100		1.98	0.000	0.078	0.078	0.101	-1	12/08/2022	11:06
6	CAL6	0.5	1	100	100		1.99	0.000	0.390	0.390	0.500	0	12/08/2022	11:07
7	CAL7	1	1	100	100		2.00	0.000	0.780	0.780	0.999	0.1	12/08/2022	11:08



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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		1.85	0.000	0.389	0.389	0.499	12/08/2022	11:09
2	ICB		1	100	100		1.84	0.000	0.000	0.000	0.001	12/08/2022	11:10
3	CCV1	0.5	1	100	100		2.03	0.000	0.388	0.388	0.498	12/08/2022	11:11
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.001	12/08/2022	11:12
5	RL Check	0.01	1	100	100		1.96	0.000	0.007	0.007	0.010	12/08/2022	11:13
6	LB123162BL		1	100	100		1.92	0.000	0.000	0.000	0.001	12/08/2022	11:14
7	LB123162BS	0.5	1	100	100		1.85	0.000	0.388	0.388	0.498	12/08/2022	11:15
8	N5830-01		1	100	100		1.86	0.001	0.001	0.000	0.001	12/08/2022	11:16
9	N5830-01DU		1	100	100		1.87	0.001	0.001	0.000	0.001	12/08/2022	11:17
10	N5830-01MS	1	2	100	100		1.96	0.000	0.379	0.379	0.486	12/08/2022	11:18
11	N5830-01MS	1	2	100	100		1.98	0.000	0.379	0.379	0.486	12/08/2022	11:19
12	N5911-01		1	100	100		2.01	0.000	0.000	0.000	0.001	12/08/2022	11:20
13	N5912-01		1	100	100		2.00	0.002	0.002	0.000	0.001	12/08/2022	11:21
14	CCV2	0.5	1	100	100		1.96	0.000	0.388	0.388	0.498	12/08/2022	11:22
15	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.001	12/08/2022	11:23