



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125762

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102734
Calibration Std. hexchrome 0.05 ppm	WP102733
calibration std. hexchrome 0.01 ppm	WP102731
calibration std. hexchrome 0 ppm	WP102730
hexavalent chromium color reagent	WP102709
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102732
Hexavalent Chromium ICV-LCS Std	WP102737
Calibration and CCV std HexChrome 0.5PPM	WP102735
Calibration std HexChrome 1.0PPM	WP102736

Intercept: -0.0003

Slope: 0.7815

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	0.000		06/01/2023	17:45
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	06/01/2023	17:46
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	06/01/2023	17:47
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.049	-2	06/01/2023	17:48
5	CAL5	0.1	1	100	100		1.90	0.000	0.078	0.078	0.100	0	06/01/2023	17:49
6	CAL6	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	0	06/01/2023	17:50
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	06/01/2023	17:51



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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 HNO3	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	0.390	0.390	0.499	06/01/2023	17:52
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	06/01/2023	17:53
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	06/01/2023	17:54
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	06/01/2023	17:55
5	RL Check	0.01	1	100	100		1.92	0.000	0.009	0.009	0.012	06/01/2023	17:56
6	LB125762BL		1	100	100		1.80	0.000	0.000	0.000	0.000	06/01/2023	17:57
7	LB125762BS	0.5	1	100	100		1.92	0.000	0.398	0.398	0.510	06/01/2023	17:58
8	O3016-08		1	100	100		2.06	0.007	0.007	0.000	0.000	06/01/2023	17:59
9	O3016-08DU		1	100	100		2.04	0.007	0.007	0.000	0.000	06/01/2023	18:00
10	O3016-08MS	1	2	100	100		2.06	0.007	0.384	0.377	0.483	06/01/2023	18:01
11	O3016-08MS	1	2	100	100		2.06	0.006	0.387	0.381	0.488	06/01/2023	18:02
12	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.501	06/01/2023	18:03
13	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	06/01/2023	18:04