



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127639

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104540
Calibration Std. hexchrome 0.05 ppm	WP104539
calibration std. hexchrome 0.01 ppm	WP104537
calibration std. hexchrome 0 ppm	WP104536
hexavalent chromium color reagent	WP104544
0.2N SULFURIC ACID	WP103581
HEX LOD STD, 0.005PPM	WP104545
Calibration Std Hexachrome 0.025 ppm	WP104538
Hexavalent Chromium ICV-LCS Std	WP104543
Calibration and CCV std HexChrome 0.5PPM	WP104541
Calibration std HexChrome 1.0PPM	WP104542

Intercept: 0.0003

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		1.75	0.000	0.000	0.000	-0.00		10/05/2023	16:45
2	CAL2	0.01	1	100	100		1.87	0.000	0.009	0.009	0.011	10	10/05/2023	16:46
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.023	-8	10/05/2023	16:47
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	10/05/2023	16:48
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.100	0	10/05/2023	16:49
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.500	0	10/05/2023	16:50
7	CAL7	1	1	100	100		1.87	0.000	0.781	0.781	0.999	-0.1	10/05/2023	16:51



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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 HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	10/05/2023	16:52
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	10/05/2023	16:53
3	CCV1	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	10/05/2023	16:54
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	10/05/2023	16:55
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10/05/2023	16:56
6	LB127639BL		1	100	100		1.78	0.000	0.000	0.000	0.000	10/05/2023	16:57
7	LB127639BS	0.5	1	100	100		1.91	0.000	0.402	0.402	0.514	10/05/2023	16:58
8	O4699-12		1	100	100		2.00	0.000	0.005	0.005	0.006	10/05/2023	16:59
9	O4778-10		1	100	100		2.10	0.008	0.008	0.000	0.000	10/05/2023	17:00
10	O4778-10DU		1	100	100		2.08	0.008	0.008	0.000	0.000	10/05/2023	17:01
11	O4778-10MS	1	2	100	100		2.10	0.008	0.368	0.360	0.461	10/05/2023	17:02
12	O4778-10MS	1	2	100	100		2.12	0.008	0.374	0.366	0.468	10/05/2023	17:03
13	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	10/05/2023	17:04
14	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	10/05/2023	17:05