



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127599

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104507
Calibration Std. hexchrome 0.05 ppm	WP104506
calibration std. hexchrome 0.01 ppm	WP104504
calibration std. hexchrome 0 ppm	WP104503
hexavalent chromium color reagent	WP104396
0.2N SULFURIC ACID	WP103581
HEX LOD STD, 0.005PPM	WP104511
Hex LOQ Std, 0.01PPM	WP104512
Calibration Std Hexachrome 0.025 ppm	WP104505
Hexavalent Chromium ICV-LCS Std	WP104510
Calibration and CCV std HexChrome 0.5PPM	WP104508
Calibration std HexChrome 1.0PPM	WP104509

Intercept: -0.0006

Slope: 0.7818

Regression: 0.999993

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		1.77	0.000	0.000	0.000	0.000		10/03/2023	16:00
2	CAL2	0.01	1	100	100		1.86	0.000	0.009	0.009	0.012	20	10/03/2023	16:01
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	10/03/2023	16:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.049	-2	10/03/2023	16:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.076	0.076	0.097	-3	10/03/2023	16:04
6	CAL6	0.5	1	100	100		1.91	0.000	0.391	0.391	0.500	0	10/03/2023	16:05
7	CAL7	1	1	100	100		1.86	0.000	0.781	0.781	0.999	-0.1	10/03/2023	16:06



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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	0.500	10/03/2023	16:07
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.001	10/03/2023	16:08
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	10/03/2023	16:09
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.001	10/03/2023	16:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	10/03/2023	16:11
6	LB127599BL		1	100	100		1.78	0.000	0.000	0.000	0.001	10/03/2023	16:12
7	LB127599BS	0.5	1	100	100		1.92	0.000	0.404	0.404	0.518	10/03/2023	16:13
8	O4699-10		1	100	100		2.00	0.000	0.005	0.005	0.007	10/03/2023	16:14
9	O4699-11		1	100	100		2.00	0.000	0.008	0.008	0.011	10/03/2023	16:15
10	O4717-01		1	100	100		2.04	0.001	0.022	0.021	0.028	10/03/2023	16:16
11	O4717-01DU		1	100	100		2.06	0.001	0.022	0.021	0.028	10/03/2023	16:17
12	O4717-01MS	1	2	100	100		2.06	0.001	0.394	0.393	0.503	10/03/2023	16:18
13	O4717-01MS	1	2	100	100		2.04	0.001	0.396	0.395	0.506	10/03/2023	16:19
14	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	10/03/2023	16:20
15	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.001	10/03/2023	16:21