

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125457

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102455
Calibration Std. hexchrome 0.05 ppm	WP102454
calibration std. hexchrome 0.01 ppm	WP102452
calibration std. hexchrome 0 ppm	WP102451
hexavalent chromium color reagent	WP102410
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102453
Hexavalent Chromium ICV-LCS Std	WP102458
Calibration and CCV std HexChrome 0.5PPM	WP102456
Calibration std HexChrome 1.0PPM	WP102457

Intercept: -0.0003

Slope: 0.7815

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		1.78	0.000	0.000	0.000	0.000		05/12/2023	15:30
2	CAL2	0.01	1	100	100		1.86	0.000	0.008	0.008	0.010	0	05/12/2023	15:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	05/12/2023	15:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.050	0	05/12/2023	15:33
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.100	0	05/12/2023	15:34
6	CAL6	0.5	1	100	100		1.88	0.000	0.391	0.391	0.500	0	05/12/2023	15:35
7	CAL7	1	1	100	100		1.86	0.000	0.781	0.781	0.999	-0.1	05/12/2023	15:36



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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		1.90	0.000	0.390	0.390	0.499	05/12/2023	15:37
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	05/12/2023	15:38
3	CCV1	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	05/12/2023	15:39
4	CCB1		1	100	100		1.80	0.000	0.001	0.001	0.002	05/12/2023	15:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	05/12/2023	15:41
6	LB125457BL		1	100	100		1.76	0.000	0.000	0.000	0.000	05/12/2023	15:42
7	LB125457BS	0.5	1	100	100		1.90	0.000	0.405	0.405	0.519	05/12/2023	15:43
8	O2781-01		1	100	100		2.00	0.009	0.009	0.000	0.000	05/12/2023	15:44
9	O2781-01DU		1	100	100		2.02	0.009	0.009	0.000	0.000	05/12/2023	15:45
10	O2781-01MS	1	2	100	100		2.00	0.011	0.394	0.383	0.490	05/12/2023	15:46
11	O2781-01MS	1	2	100	100		2.02	0.010	0.399	0.389	0.498	05/12/2023	15:47
12	CCV2	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	05/12/2023	15:48
13	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	05/12/2023	15:49