



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128116

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105063
Calibration Std. hexchrome 0.05 ppm	WP105062
calibration std. hexchrome 0.01 ppm	WP105060
calibration std. hexchrome 0 ppm	WP105059
hexavalent chromium color reagent	WP104985
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105061
Hexavalent Chromium ICV-LCS Std	WP105066
Calibration and CCV std HexChrome 0.5PPM	WP105064
Calibration std HexChrome 1.0PPM	WP105065

Intercept: 0.0001

Slope: 0.7818

Regression: 0.999994

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		1.76	0.000	0.000	0.000	-0.00		11/01/2023	14:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.010	0.010	0.012	20	11/01/2023	14:31
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.024	-4	11/01/2023	14:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	11/01/2023	14:33
5	CAL5	0.1	1	100	100		1.87	0.000	0.078	0.078	0.099	-1	11/01/2023	14:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.5	0	11/01/2023	14:35
7	CAL7	1	1	100	100		1.86	0.000	0.782	0.782	1.000	0	11/01/2023	14:36



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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		1.91	0.000	0.390	0.390	0.499	11/01/2023	14:37
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.000	11/01/2023	14:38
3	CCV1	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	11/01/2023	14:39
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	11/01/2023	14:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.010	0.010	0.013	11/01/2023	14:41
6	LB128116BL		1	100	100		1.75	0.000	0.000	0.000	0.000	11/01/2023	14:42
7	LB128116BS	0.5	1	100	100		1.91	0.000	0.399	0.399	0.510	11/01/2023	14:43
8	O5211-07		1	100	100		2.02	0.004	0.004	0.000	0.000	11/01/2023	14:44
9	O5211-07DU		1	100	100		2.04	0.004	0.004	0.000	0.000	11/01/2023	14:45
10	O5211-07MS	1	2	100	100		2.04	0.004	0.388	0.384	0.491	11/01/2023	14:46
11	O5211-07MS	1	2	100	100		2.02	0.004	0.384	0.380	0.486	11/01/2023	14:47
12	CCV2	0.5	1	100	100		1.93	0.000	0.392	0.392	0.501	11/01/2023	14:48
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	11/01/2023	14:49