



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128223

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105211
Calibration Std. hexchrome 0.05 ppm	WP105210
calibration std. hexchrome 0.01 ppm	WP105208
calibration std. hexchrome 0 ppm	WP105207
hexavalent chromium color reagent	WP105199
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105209
Hexavalent Chromium ICV-LCS Std	WP105214
Calibration and CCV std HexChrome 0.5PPM	WP105212
Calibration std HexChrome 1.0PPM	WP105213

Intercept: -0.0001

Slope: 0.7801

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		1.77	0.000	0.000	0.000	0.000		11/08/2023	15:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	11/08/2023	15:01
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	11/08/2023	15:02
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	11/08/2023	15:03
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	0.101	1	11/08/2023	15:04
6	CAL6	0.5	1	100	100		1.91	0.000	0.390	0.390	0.500	0	11/08/2023	15:05
7	CAL7	1	1	100	100		1.85	0.000	0.780	0.780	1	0	11/08/2023	15:06



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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		1.91	0.000	0.391	0.391	0.501	11/08/2023	15:07
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	11/08/2023	15:08
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.503	11/08/2023	15:09
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	11/08/2023	15:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	11/08/2023	15:11
6	LB128223BL		1	100	100		1.75	0.000	0.000	0.000	0.000	11/08/2023	15:12
7	LB128223BS	0.5	1	100	100		1.91	0.000	0.404	0.404	0.518	11/08/2023	15:13
8	O5280-02		1	100	100		2.08	0.000	0.000	0.000	0.000	11/08/2023	15:14
9	O5282-01		1	100	100		2.04	0.001	0.001	0.000	0.000	11/08/2023	15:15
10	O5282-01DU		1	100	100		2.06	0.001	0.001	0.000	0.000	11/08/2023	15:16
11	O5282-01MS	1	2	100	100		2.04	0.001	0.380	0.379	0.486	11/08/2023	15:17
12	O5282-01MS	1	2	100	100		2.06	0.001	0.387	0.386	0.495	11/08/2023	15:18
13	O5298-07		1	100	100		2.08	0.001	0.001	0.000	0.000	11/08/2023	15:19
14	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.500	11/08/2023	15:20
15	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	11/08/2023	15:21