



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128026

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104981
Calibration Std. hexchrome 0.05 ppm	WP104980
calibration std. hexchrome 0.01 ppm	WP104978
calibration std. hexchrome 0 ppm	WP104977
hexavalent chromium color reagent	WP104985
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104979
Hexavalent Chromium ICV-LCS Std	WP104984
Calibration and CCV std HexChrome 0.5PPM	WP104982
Calibration std HexChrome 1.0PPM	WP104983

Intercept: 0.0004

Slope: 0.7799

Regression: 0.999997

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	-0.00		10/28/2023	08:45
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	10/28/2023	08:46
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.023	-8	10/28/2023	08:47
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	10/28/2023	08:48
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	0.100	0	10/28/2023	08:49
6	CAL6	0.5	1	100	100		1.91	0.000	0.391	0.391	0.500	0	10/28/2023	08:50
7	CAL7	1	1	100	100		1.86	0.000	0.780	0.780	0.999	-0.1	10/28/2023	08:51



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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 HNO3	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	0.500	10/28/2023	08:52
2	ICB		1	100	100		1.75	0.000	0.000	0.000	-0.001	10/28/2023	08:53
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	10/28/2023	08:54
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	-0.001	10/28/2023	08:55
5	RL Check	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	10/28/2023	08:56
6	lb128026BL		1	100	100		1.76	0.000	0.000	0.000	-0.001	10/28/2023	08:57
7	lb128026BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.514	10/28/2023	08:58
8	O5143-03		1	100	100		2.08	0.000	0.000	0.000	-0.001	10/28/2023	08:59
9	O5143-03DU		1	100	100		2.10	0.000	0.000	0.000	-0.001	10/28/2023	09:00
10	O5143-03MS	1	2	100	100		2.08	0.000	0.278	0.278	0.356	10/28/2023	09:01
11	O5143-03MS	1	2	100	100		2.10	0.000	0.282	0.282	0.361	10/28/2023	09:02
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.500	10/28/2023	09:03
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	-0.001	10/28/2023	09:04