



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126710

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP103576
Calibration Std. hexchrome 0.05 ppm	WP103575
calibration std. hexchrome 0.01 ppm	WP103573
calibration std. hexchrome 0 ppm	WP103572
hexavalent chromium color reagent	WP103474
0.2N SULFURIC ACID	WP103581
HEX LOD STD, 0.005PPM	WP103580
Calibration Std Hexachrome 0.025 ppm	WP103574
Hexavalent Chromium ICV-LCS Std	WP103579
Calibration and CCV std HexChrome 0.5PPM	WP103577
Calibration std HexChrome 1.0PPM	WP103578

Intercept: -0.0001

Slope: 0.7813

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		1.78	0.000	0.000	0.000	0.000		08/02/2023	17:30
2	CAL2	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10	08/02/2023	17:31
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	08/02/2023	17:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	08/02/2023	17:33
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	0.101	1	08/02/2023	17:34
6	CAL6	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	0	08/02/2023	17:35
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	08/02/2023	17:36



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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		1.92	0.000	0.390	0.390	0.499	08/02/2023	17:37
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	08/02/2023	17:38
3	CCV1	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	08/02/2023	17:39
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	08/02/2023	17:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	08/02/2023	17:41
6	LB126710BL		1	100	100		1.80	0.000	0.000	0.000	0.000	08/02/2023	17:42
7	LB126710BS	0.5	1	100	100		1.92	0.000	0.405	0.405	0.518	08/02/2023	17:43
8	O3572-12		1	100	100		2.04	0.000	0.004	0.004	0.005	08/02/2023	17:44
9	O3881-01		1	100	100		2.04	0.036	0.036	0.000	0.000	08/02/2023	17:45
10	O3881-01DU		1	100	100		2.06	0.036	0.036	0.000	0.000	08/02/2023	17:46
11	O3881-01MS	1	2	100	100		2.06	0.032	0.401	0.369	0.472	08/02/2023	17:47
12	O3881-01MS	1	2	100	100		2.04	0.035	0.404	0.369	0.472	08/02/2023	17:48
13	O3881-02		1	100	100		2.08	0.038	0.038	0.000	0.000	08/02/2023	17:49
14	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	08/02/2023	17:50
15	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	08/02/2023	17:51