



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB123632

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP100570
Calibration Std. hexchrome 0.05 ppm	WP100569
calibration std. hexchrome 0.01 ppm	WP100567
calibration std. hexchrome 0 ppm	WP100565
hexavalent chromium color reagent	WP100574
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP100568
Hexavalent Chromium ICV-LCS Std	WP100573
Calibration and CCV std HexChrome 0.5PPM	WP100571
Calibration std HexChrome 1.0PPM	WP100572

Intercept: -0.0003

Slope: 0.7842

Regression: 0.999991

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		1.96	0.000	0.000	0.000	0.000		01/11/2023	10:10
2	CAL2	0.01	1	100	100		2.05	0.000	0.006	0.006	0.008	20	01/11/2023	10:11
3	CAL3	0.025	1	100	100		2.14	0.000	0.018	0.018	0.023	8	01/11/2023	10:12
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	0.051	-2	01/11/2023	10:13
5	CAL5	0.1	1	100	100		2.03	0.000	0.080	0.080	0.102	-2	01/11/2023	10:14
6	CAL6	0.5	1	100	100		2.41	0.000	0.391	0.391	0.498	0.4	01/11/2023	10:15
7	CAL7	1	1	100	100		1.65	0.000	0.784	0.784	1.000	0	01/11/2023	10:16

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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		2.32	0.000	0.390	0.390	0.498	01/11/2023	10:17
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.000	01/11/2023	10:18
3	CCV1	0.5	1	100	100		1.80	0.000	0.389	0.389	0.496	01/11/2023	10:19
4	CCB1		1	100	100		1.67	0.000	0.001	0.001	0.002	01/11/2023	10:20
5	RL Check	0.01	1	100	100		2.06	0.000	0.007	0.007	0.009	01/11/2023	10:21
6	LB123632BL		1	100	100		2.22	0.000	0.001	0.001	0.002	01/11/2023	10:22
7	LB123632BS	0.5	1	100	100		1.85	0.000	0.401	0.401	0.512	01/11/2023	10:23
8	O1052-01		1	100	100		1.66	0.018	0.019	0.001	0.002	01/11/2023	10:24
9	O1066-01		1	100	100		2.01	0.011	0.011	0.000	0.000	01/11/2023	10:25
10	O1079-01		1	100	100		2.34	0.005	0.005	0.000	0.000	01/11/2023	10:26
11	O1079-02		1	100	100		1.79	0.007	0.008	0.001	0.002	01/11/2023	10:27
12	O1079-02DU		1	100	100		1.62	0.006	0.007	0.001	0.002	01/11/2023	10:28
13	O1079-02MS	1	2	100	100		2.17	0.006	0.410	0.404	0.516	01/11/2023	10:29
14	O1079-02MS	1	2	100	100		2.42	0.007	0.402	0.395	0.504	01/11/2023	10:30
15	CCV2	0.5	1	100	100		1.99	0.000	0.391	0.391	0.499	01/11/2023	10:31
16	CCB2		1	100	100		1.63	0.000	0.001	0.001	0.002	01/11/2023	10:32