

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99402

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69790
Calibration Std. hexchrome 0.05 ppm	WP69789
Hexavalent Chromium LCS Std	WP69797
Calibratation STD HexaChrome 1 PPM	WP69792
Calibratation STD Hexa Chrome 0.5 PPM	WP69791
calibration std. hexchrome 0.01 ppm	WP69787
calibration std. hexchrome 0 ppm	WP69784
Hexavalent Chromium ICV Std.	WP69798
Hexavalent Chromium CCV Std	WP69793
hexavalent chromium color reagent	WP69799
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP69788

Intercept: 0.0003

Slope: 0.7708

Regression: 0.999944

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.89	0.000	0.000	0.000	11/27/2018	09:20
2	CAL2	0.01	1	100	100		1.86	0.000	0.008	0.008	11/27/2018	09:20
3	CAL3	0.025	1	100	100		2.05	0.000	0.017	0.017	11/27/2018	09:21
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	11/27/2018	09:21
5	CAL5	0.1	1	100	100		1.77	0.000	0.078	0.078	11/27/2018	09:22
6	CAL6	0.5	1	100	100		1.85	0.000	0.392	0.392	11/27/2018	09:22
7	CAL7	1	1	100	100		1.69	0.000	0.768	0.768	11/27/2018	09:23



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.88	0.000	0.390	0.390	0.506	11/27/2018	09:23
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	11/27/2018	09:24
3	CCV1	0.5	1	100	100		1.79	0.000	0.391	0.391	0.507	11/27/2018	09:24
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	11/27/2018	09:25
5	LB99402BL		1	100	100		1.69	0.000	0.000	0.000	0.000	11/27/2018	09:25
6	LB99402BS	0.5	1	100	100		1.88	0.000	0.385	0.385	0.499	11/27/2018	09:26
7	J6067-12		1	100	100		1.75	0.002	0.002	0.000	0.000	11/27/2018	09:26
8	J6067-12DUP		1	100	100		1.65	0.003	0.003	0.000	0.000	11/27/2018	09:27
9	J6067-12MS	1	2	100	100		1.75	0.002	0.373	0.371	0.481	11/27/2018	09:27
10	J6067-12MSD	1	2	100	100		1.95	0.002	0.374	0.372	0.482	11/27/2018	09:28
11	CCV2	0.5	1	100	100		1.72	0.000	0.390	0.390	0.506	11/27/2018	09:28
12	CCB2		1	100	100		1.82	0.000	0.000	0.000	0.000	11/27/2018	09:29