

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94121

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62959
Calibration Std. hexchrome 0.05 ppm	WP62958
Hexavalent Chromium LCS Std	WP62966
Calibratation STD HexaChrome 1 PPM	WP62962
Calibratation STD Hexa Chrome 0.5 PPM	WP62960
calibration std. hexchrome 0.01 ppm	WP62956
calibration std. hexchrome 0 ppm	WP62955
Hexavalent Chromium ICV Std.	WP62963
Hexavalent Chromium CCV Std	WP62965
hexavalent chromium color reagent	WP62892
0.2N SULFURIC ACID	WP62858
Calibration std Hexachrome, 0.025ppm	WP62957

Intercept: 0.0005

Slope: 0.7505

Regression: 0.99998

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		2.10	0.000	0.000	0.000	03/23/2018	18:20
2	CAL2	0.01	1	100	100		1.59	0.000	0.007	0.007	03/23/2018	18:20
3	CAL3	0.025	1	100	100		1.72	0.000	0.017	0.017	03/23/2018	18:21
4	CAL4	0.05	1	100	100		2.31	0.000	0.039	0.039	03/23/2018	18:21
5	CAL5	0.1	1	100	100		2.11	0.000	0.079	0.079	03/23/2018	18:22
6	CAL6	0.5	1	100	100		1.68	0.000	0.375	0.375	03/23/2018	18:22
7	CAL7	1	1	100	100		2.14	0.000	0.751	0.751	03/23/2018	18:23

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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	0.380	0.380	0.506	03/23/2018	18:23
2	ICB		1	100	100		1.97	0.000	0.000	0.000	-0.001	03/23/2018	18:24
3	CCV1	0.5	1	100	100		2.13	0.000	0.380	0.380	0.506	03/23/2018	18:24
4	CCB1		1	100	100		2.33	0.000	0.000	0.000	-0.001	03/23/2018	18:25
5	LB94121BL		1	100	100		1.59	0.000	0.000	0.000	-0.001	03/23/2018	18:25
6	LB94121BS	0.5	1	100	100		2.16	0.000	0.378	0.378	0.503	03/23/2018	18:26
7	J2054-01		1	100	100		2.45	0.015	0.015	0.000	-0.001	03/23/2018	18:26
8	J2054-01DUP		1	100	100		1.79	0.013	0.013	0.000	-0.001	03/23/2018	18:27
9	J2054-01MS	1	2	100	100		1.85	0.021	0.023	0.002	0.002	03/23/2018	18:27
10	J2054-01MSD	1	2	100	100		2.22	0.020	0.022	0.002	0.002	03/23/2018	18:28
11	CCV2	0.5	1	100	100		2.47	0.000	0.380	0.380	0.506	03/23/2018	18:28
12	CCB2		1	100	100		2.24	0.000	0.000	0.000	-0.001	03/23/2018	18:29