



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97936

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67813
Calibration Std. hexchrome 0.05 ppm	WP67812
Hexavalent Chromium LCS Std	WP67818
Calibratation STD HexaChrome 1 PPM	WP67815
Calibratation STD Hexa Chrome 0.5 PPM	WP67814
calibration std. hexchrome 0.01 ppm	WP67810
calibration std. hexchrome 0 ppm	WP67809
Hexavalent Chromium ICV Std.	WP67816
Hexavalent Chromium CCV Std	WP67817
hexavalent chromium color reagent	WP67819
0.2N SULFURIC ACID	WP62858
Calibration std Hexachrome, 0.025ppm	WP67811

Intercept: -0.0006

Slope: 0.7514

Regression: 0.999925

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		2.16	0.000	0.000	0.000	09/14/2018	09:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	09/14/2018	09:30
3	CAL3	0.025	1	100	100		1.72	0.000	0.018	0.018	09/14/2018	09:31
4	CAL4	0.05	1	100	100		2.24	0.000	0.037	0.037	09/14/2018	09:31
5	CAL5	0.1	1	100	100		2.31	0.000	0.078	0.078	09/14/2018	09:32
6	CAL6	0.5	1	100	100		1.95	0.000	0.368	0.368	09/14/2018	09:32
7	CAL7	1	1	100	100		2.03	0.000	0.754	0.754	09/14/2018	09:33



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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		1.77	0.000	0.370	0.370	0.493	09/14/2018	09:33
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.001	09/14/2018	09:34
3	CCV1	0.5	1	100	100		2.46	0.000	0.370	0.370	0.493	09/14/2018	09:34
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	0.001	09/14/2018	09:35
5	LB97936BL		1	100	100		1.85	0.000	0.000	0.000	0.001	09/14/2018	09:35
6	LB97936BS	0.5	1	100	100		1.76	0.000	0.378	0.378	0.504	09/14/2018	09:36
7	J4880-02		1	100	100		2.12	0.000	0.628	0.628	0.837	09/14/2018	09:36
8	J4907-01		1	100	100		2.20	0.008	0.008	0.000	0.001	09/14/2018	09:37
9	J4907-03		1	100	100		2.35	0.005	0.005	0.000	0.001	09/14/2018	09:37
10	J4907-05		1	100	100		2.40	0.009	0.009	0.000	0.001	09/14/2018	09:38
11	J4907-07		1	100	100		1.76	0.006	0.006	0.000	0.001	09/14/2018	09:38
12	J4907-09		1	100	100		1.91	0.009	0.009	0.000	0.001	09/14/2018	09:39
13	J4907-11		1	100	100		2.33	0.007	0.007	0.000	0.001	09/14/2018	09:39
14	J4907-11DUP		1	100	100		2.20	0.006	0.006	0.000	0.001	09/14/2018	09:40
15	CCV2	0.5	1	100	100		1.96	0.000	0.370	0.370	0.493	09/14/2018	09:40
16	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.001	09/14/2018	09:41
17	J4907-11MS	1	2	100	100		2.31	0.008	0.373	0.365	0.487	09/14/2018	09:41
18	J4907-11MSD	1	2	100	100		1.88	0.008	0.372	0.364	0.485	09/14/2018	09:42
19	CCV3	0.5	1	100	100		2.15	0.000	0.371	0.371	0.495	09/14/2018	09:42
20	CCB3		1	100	100		2.02	0.000	0.000	0.000	0.001	09/14/2018	09:43