

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90159

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58025
Calibration Std. hexchrome 0.05 ppm	WP58024
Hexavalent Chromium LCS Std	WP58030
Calibratation STD HexaChrome 1 PPM	WP58027
Calibratation STD Hexa Chrome 0.5 PPM	WP58026
calibration std. hexchrome 0.01 ppm	WP58022
calibration std. hexchrome 0 ppm	WP58021
Hexavalent Chromium ICV Std.	WP58028
Hexavalent Chromium CCV Std	WP58029
hexavalent chromium color reagent	WP58042
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP58023

Intercept: 0.0004

Slope: 0.7727

Regression: 0.999904

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		1.68	0.000	0.000	0.000	09/19/2017	14:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	09/19/2017	14:00
3	CAL3	0.025	1	100	100		2.05	0.000	0.017	0.017	09/19/2017	14:01
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	09/19/2017	14:01
5	CAL5	0.1	1	100	100		1.97	0.000	0.079	0.079	09/19/2017	14:02
6	CAL6	0.5	1	100	100		2.07	0.000	0.395	0.395	09/19/2017	14:02
7	CAL7	1	1	100	100		2.32	0.000	0.769	0.769	09/19/2017	14:03



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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		1.74	0.000	0.389	0.389	0.503	09/19/2017	14:03
2	ICB		1	100	100		1.95	0.000	0.000	0.000	-0.001	09/19/2017	14:04
3	CCV1	0.5	1	100	100		1.68	0.000	0.392	0.392	0.507	09/19/2017	16:30
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	-0.001	09/19/2017	16:30
5	LB90159BL		1	100	100		2.18	0.000	0.000	0.000	-0.001	09/19/2017	16:31
6	LB90159BS	0.5	1	100	100		1.55	0.000	0.395	0.395	0.511	09/19/2017	16:31
7	I5301-01		1	100	100		1.79	0.011	0.011	0.000	-0.001	09/19/2017	16:32
8	I5301-01DUP		1	100	100		1.63	0.012	0.012	0.000	-0.001	09/19/2017	16:32
9	I5301-01MS	1	2	100	100		2.05	0.013	0.388	0.375	0.485	09/19/2017	16:33
10	I5301-01MSD	1	2	100	100		1.74	0.011	0.387	0.376	0.486	09/19/2017	16:33
11	I5301-02		1	100	100		2.28	0.009	0.009	0.000	-0.001	09/19/2017	16:34
12	I5301-03		1	100	100		2.31	0.015	0.015	0.000	-0.001	09/19/2017	16:34
13	I5301-04		1	100	100		1.86	0.010	0.010	0.000	-0.001	09/19/2017	16:35
14	I5301-05		1	100	100		2.14	0.008	0.008	0.000	-0.001	09/19/2017	16:35
15	CCV2	0.5	1	100	100		1.66	0.000	0.392	0.392	0.507	09/19/2017	16:36
16	CCB2		1	100	100		2.44	0.000	0.000	0.000	-0.001	09/19/2017	16:36
17	I5301-06		1	100	100		1.90	0.012	0.012	0.000	-0.001	09/19/2017	16:37
18	I5301-08		1	100	100		1.63	0.001	0.001	0.000	-0.001	09/20/2017	16:37
19	I5301-09		1	100	100		2.25	0.000	0.001	0.001	0.001	09/20/2017	16:38
20	I5301-10		1	100	100		1.69	0.001	0.001	0.000	-0.001	09/20/2017	16:38
21	I5301-11		1	100	100		2.01	0.001	0.001	0.000	-0.001	09/20/2017	16:39
22	I5301-12		1	100	100		2.10	0.001	0.001	0.000	-0.001	09/20/2017	16:39
23	I5301-13		1	100	100		1.71	0.001	0.002	0.001	0.001	09/20/2017	16:40
24	CCV3	0.5	1	100	100		2.33	0.000	0.392	0.392	0.507	09/20/2017	16:40
25	CCB3		1	100	100		2.46	0.000	0.000	0.000	-0.001	09/20/2017	16:41