



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99493

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69893
Calibration Std. hexchrome 0.05 ppm	WP69891
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69895
Calibratation STD Hexa Chrome 0.5 PPM	WP69894
calibration std. hexchrome 0.01 ppm	WP69892
calibration std. hexchrome 0 ppm	WP69888
Hexavalent Chromium ICV Std.	WP69896
Hexavalent Chromium CCV Std	WP69900
hexavalent chromium color reagent	WP69799
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69890

Intercept: 0.0002

Slope: 0.7717

Regression: 0.999975

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		1.90	0.000	0.000	0.000	11/29/2018	14:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.008	0.008	11/29/2018	14:00
3	CAL3	0.025	1	100	100		2.20	0.000	0.017	0.017	11/29/2018	14:01
4	CAL4	0.05	1	100	100		1.63	0.000	0.039	0.039	11/29/2018	14:01
5	CAL5	0.1	1	100	100		2.22	0.000	0.078	0.078	11/29/2018	14:02
6	CAL6	0.5	1	100	100		1.78	0.000	0.390	0.390	11/29/2018	14:02
7	CAL7	1	1	100	100		2.39	0.000	0.770	0.770	11/29/2018	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		2.18	0.000	0.392	0.392	0.508	11/29/2018	14:03
2	ICB		1	100	100		1.74	0.000	0.000	0.000	0.000	11/29/2018	14:04
3	CCV1	0.5	1	100	100		2.20	0.000	0.392	0.392	0.508	11/29/2018	14:04
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	11/29/2018	14:05
5	PB115191BL		1	2.52	100	7.22	2.04	0.000	0.000	0.000	0.000	11/29/2018	14:05
6	PB115191BS	20	1	2.51	100	7.10	2.33	0.000	0.375	0.375	0.486	11/29/2018	14:06
7	J5767-17		1	2.53	100	7.36	2.26	0.016	0.016	0.000	0.000	11/29/2018	14:06
8	J5767-17DUP		1	2.55	100	7.88	1.66	0.015	0.015	0.000	0.000	11/29/2018	14:07
9	J5767-17MSPre	40	2	2.52	100	7.71	1.90	0.018	0.365	0.347	0.449	11/29/2018	14:07
10	J5767-17MS2Ins	1284	40	2.53	100	7.60	2.21	0.013	0.618	0.605	0.784	11/29/2018	14:08
11	J5767-17MS3Post	40	2	2.54	100	7.51	2.13	0.019	0.368	0.349	0.452	11/29/2018	14:08
12	J5767-19		1	2.50	100	7.33	1.74	0.019	0.023	0.004	0.005	11/29/2018	14:09
13	J5767-21		1	2.54	100	7.15	1.68	0.012	0.013	0.001	0.001	11/29/2018	14:09
14	J5767-23		1	2.50	100	7.18	2.42	0.010	0.010	0.000	0.000	11/29/2018	14:10
15	CCV2	0.5	1	100	100		2.26	0.000	0.392	0.392	0.508	11/29/2018	14:10
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	11/29/2018	14:11
17	J5768-07		1	2.51	100	7.44	1.57	0.020	0.020	0.000	0.000	11/29/2018	14:11
18	J6125-01		1	2.55	100	7.75	2.10	0.031	0.031	0.000	0.000	11/29/2018	14:12
19	J6125-03		1	2.50	100	7.90	2.25	0.027	0.027	0.000	0.000	11/29/2018	14:12
20	CCV3	0.5	1	100	100		1.73	0.000	0.392	0.392	0.508	11/29/2018	14:13
21	CCB3		1	100	100		1.88	0.000	0.000	0.000	0.000	11/29/2018	14:13