

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90981

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58959
Calibration Std. hexchrome 0.05 ppm	WP58958
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58961
Calibratation STD Hexa Chrome 0.5 PPM	WP58960
calibration std. hexchrome 0.01 ppm	WP58956
calibration std. hexchrome 0 ppm	WP58955
Hexavalent Chromium ICV Std.	WP58962
Hexavalent Chromium CCV Std	WP58963
hexavalent chromium color reagent	WP58799
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP58957

Intercept: -0.0001

Slope: 0.7774

Regression: 0.99994

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		2.20	0.000	0.000	0.000	10/20/2017	12:15
2	CAL2	0.01	1	100	100		1.93	0.000	0.006	0.006	10/20/2017	12:15
3	CAL3	0.025	1	100	100		1.82	0.000	0.017	0.017	10/20/2017	12:16
4	CAL4	0.05	1	100	100		2.36	0.000	0.038	0.038	10/20/2017	12:16
5	CAL5	0.1	1	100	100		1.60	0.000	0.079	0.079	10/20/2017	12:17
6	CAL6	0.5	1	100	100		2.41	0.000	0.395	0.395	10/20/2017	12:17
7	CAL7	1	1	100	100		2.35	0.000	0.774	0.774	10/20/2017	12:18



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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		1.96	0.000	0.390	0.390	0.502	10/20/2017	12:18
2	ICB		1	100	100		1.74	0.000	0.000	0.000	0.000	10/20/2017	12:19
3	CCV1	0.5	1	100	100		2.20	0.000	0.391	0.391	0.503	10/20/2017	12:19
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	10/20/2017	12:20
5	PB103501BL		1	2.52	100	7.20	1.69	0.000	0.000	0.000	0.000	10/20/2017	12:20
6	PB103501BS	20	1	2.54	100	7.02	2.36	0.000	0.372	0.372	0.479	10/20/2017	12:21
7	I5981-01		1	2.52	100	7.90	1.70	0.022	0.022	0.000	0.000	10/20/2017	12:21
8	I5981-04		1	2.54	100	7.88	1.88	0.026	0.026	0.000	0.000	10/20/2017	12:22
9	I5981-07		1	2.51	100	7.36	2.25	0.027	0.036	0.009	0.012	10/20/2017	12:22
10	I5988-01		1	2.50	100	7.20	2.48	0.031	0.032	0.001	0.001	10/20/2017	12:23
11	I6010-01		1	2.50	100	7.24	1.61	0.015	0.015	0.000	0.000	10/20/2017	12:23
12	I6010-01DUP		1	2.51	100	7.33	1.90	0.014	0.014	0.000	0.000	10/20/2017	12:24
13	I6010-01MSPre	40	2	2.53	100	7.84	2.13	0.016	0.362	0.346	0.445	10/20/2017	12:24
14	I6010-01MS2Ins	1284	40	2.54	100	7.30	2.21	0.014	0.630	0.616	0.793	10/20/2017	12:25
15	CCV2	0.5	1	100	100		2.38	0.000	0.391	0.391	0.503	10/20/2017	12:25
16	CCB2		1	100	100		1.63	0.000	0.000	0.000	0.000	10/20/2017	12:26
17	I6010-01MS3Post	40	2	2.51	100	7.22	1.73	0.017	0.366	0.349	0.449	10/20/2017	12:26
18	I6013-01		1	2.53	100	7.10	1.82	0.025	0.025	0.000	0.000	10/20/2017	12:27
19	I6017-01		1	2.50	100	7.52	2.18	0.013	0.013	0.000	0.000	10/20/2017	12:27
20	I6017-05		1	2.55	100	7.50	2.40	0.019	0.019	0.000	0.000	10/20/2017	12:28
21	I6018-01		1	2.50	100	7.69	2.27	0.026	0.026	0.000	0.000	10/20/2017	12:28
22	CCV3	0.5	1	100	100		2.40	0.000	0.392	0.392	0.504	10/20/2017	12:29
23	CCB3		1	100	100		1.85	0.000	0.000	0.000	0.000	10/20/2017	12:29