

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89051

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56692
Calibration Std. hexchrome 0.05 ppm	WP56691
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56694
Calibratation STD Hexa Chrome 0.5 PPM	WP56693
calibration std. hexchrome 0.01 ppm	WP56689
calibration std. hexchrome 0 ppm	WP56688
Hexavalent Chromium ICV Std.	WP56695
Hexavalent Chromium CCV Std	WP56696
hexavalent chromium color reagent	WP56710
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56690

Intercept: -0.0003

Slope: 0.7798

Regression: 0.999888

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		2.15	0.000	0.000	0.000	07/27/2017	15:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.006	0.006	07/27/2017	15:10
3	CAL3	0.025	1	100	100		1.83	0.000	0.017	0.017	07/27/2017	15:11
4	CAL4	0.05	1	100	100		2.41	0.000	0.038	0.038	07/27/2017	15:11
5	CAL5	0.1	1	100	100		2.33	0.000	0.077	0.077	07/27/2017	15:12
6	CAL6	0.5	1	100	100		1.98	0.000	0.399	0.399	07/27/2017	15:12
7	CAL7	1	1	100	100		2.27	0.000	0.775	0.775	07/27/2017	15:13



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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		2.10	0.000	0.393	0.393	0.504	07/27/2017	15:13
2	ICB		1	100	100		1.58	0.000	0.000	0.000	0.000	07/27/2017	15:14
3	CCV1	0.5	1	100	100		1.66	0.000	0.394	0.394	0.506	07/27/2017	15:14
4	CCB1		1	100	100		2.40	0.000	0.000	0.000	0.000	07/27/2017	15:15
5	PB100992BL		1	2.55	100	7.80	2.33	0.000	0.000	0.000	0.000	07/27/2017	15:15
6	PB100992BS	20	1	2.54	100	7.31	2.20	0.000	0.372	0.372	0.477	07/27/2017	15:16
7	I4346-02		1	2.53	100	7.70	1.82	0.006	1.908	1.902	2.439	07/27/2017	15:16
8	I4417-01		1	2.55	100	7.90	1.96	0.023	0.023	0.000	0.000	07/27/2017	15:17
9	I4418-01		1	2.52	100	7.55	2.17	0.031	0.032	0.001	0.002	07/27/2017	15:17
10	I4419-01		1	2.51	100	7.20	2.30	0.029	0.029	0.000	0.000	07/27/2017	15:18
11	I4442-02		1	2.54	100	7.36	1.70	0.031	0.031	0.000	0.000	07/27/2017	15:18
12	I4444-01		1	2.52	100	7.14	1.81	0.026	0.026	0.000	0.000	07/27/2017	15:19
13	I4444-04		1	2.50	100	7.08	2.29	0.055	0.056	0.001	0.002	07/27/2017	15:19
14	I4444-07		1	2.53	100	7.54	2.44	0.039	0.039	0.000	0.000	07/27/2017	15:20
15	CCV2	0.5	1	100	100		2.35	0.035	0.394	0.359	0.461	07/27/2017	15:20
16	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.000	07/27/2017	15:21
17	I4444-10		1	2.52	100	7.37	1.77	0.035	0.035	0.000	0.000	07/27/2017	15:21
18	I4445-01		1	2.50	100	7.22	2.05	0.033	0.033	0.000	0.000	07/27/2017	15:22
19	I4448-01		1	2.51	100	7.20	1.69	0.024	0.024	0.000	0.000	07/27/2017	15:22
20	I4465-01		1	2.55	100	7.58	2.37	0.017	0.017	0.000	0.000	07/27/2017	15:23
21	I4465-04		1	2.52	100	7.61	2.44	0.049	0.049	0.000	0.000	07/27/2017	15:23
22	I4466-01		1	2.52	100	7.36	2.32	0.020	0.020	0.000	0.000	07/27/2017	15:24
23	I4466-01DUP		1	2.51	100	7.30	1.60	0.019	0.019	0.000	0.000	07/27/2017	15:24
24	I4466-01MSPre	40	2	2.53	100	7.28	1.75	0.021	0.371	0.350	0.449	07/27/2017	15:25
25	I4466-01MS2Ins	1284	40	2.55	100	7.64	2.12	0.010	0.624	0.614	0.788	07/27/2017	15:25
26	I4466-01MS3Post	40	2	2.50	100	7.30	2.22	0.023	0.379	0.356	0.457	07/27/2017	15:26
27	CCV3	0.5	1	100	100		1.57	0.000	0.395	0.395	0.507	07/27/2017	15:26
28	CCB3		1	100	100		1.90	0.000	0.000	0.000	0.000	07/27/2017	15:27
29	I4467-02		1	2.54	100	7.21	2.12	0.088	0.089	0.001	0.002	07/27/2017	15:27
30	I4472-01		1	2.55	100	7.18	2.21	0.034	0.035	0.001	0.002	07/27/2017	15:28
31	I4473-01		1	2.53	100	7.04	2.30	0.014	0.014	0.000	0.000	07/27/2017	15:28
32	I4476-01		1	2.51	100	7.02	1.88	0.011	0.011	0.000	0.000	07/27/2017	15:29
33	I4476-05		1	2.52	100	7.11	2.09	0.009	0.010	0.001	0.002	07/27/2017	15:29
34	I4346-02		10	2.53	100	7.70	1.82	0.002	0.404	0.402	0.516	07/27/2017	15:30
35	CCV4	0.5	1	100	100		1.76	0.000	0.395	0.395	0.507	07/27/2017	15:30
36	CCB4		1	100	100		1.54	0.000	0.000	0.000	0.000	07/27/2017	15:31