

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90742

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58692
Calibration Std. hexchrome 0.05 ppm	WP58689
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58695
Calibratation STD Hexa Chrome 0.5 PPM	WP58693
calibration std. hexchrome 0.01 ppm	WP58686
calibration std. hexchrome 0 ppm	WP58679
Hexavalent Chromium ICV Std.	WP58696
Hexavalent Chromium CCV Std	WP58697
hexavalent chromium color reagent	WP58638
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58688

Intercept: -0.0003

Slope: 0.78

Regression: 0.999957

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		2.14	0.000	0.000	0.000	10/11/2017	14:10
2	CAL2	0.01	1	100	100		1.78	0.000	0.006	0.006	10/11/2017	14:10
3	CAL3	0.025	1	100	100		1.93	0.000	0.017	0.017	10/11/2017	14:11
4	CAL4	0.05	1	100	100		2.41	0.000	0.038	0.038	10/11/2017	14:11
5	CAL5	0.1	1	100	100		2.34	0.000	0.079	0.079	10/11/2017	14:12
6	CAL6	0.5	1	100	100		1.90	0.000	0.395	0.395	10/11/2017	14:12
7	CAL7	1	1	100	100		1.67	0.000	0.777	0.777	10/11/2017	14:13



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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		2.13	0.000	0.392	0.392	0.503	10/11/2017	14:13
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	10/11/2017	14:14
3	CCV1	0.5	1	100	100		1.93	0.000	0.393	0.393	0.504	10/11/2017	14:14
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	10/11/2017	14:15
5	PB103177BL		1	2.50	100	7.19	2.41	0.000	0.000	0.000	0.000	10/11/2017	14:15
6	PB103177BS	20	1	2.54	100	7.06	2.35	0.000	0.371	0.371	0.476	10/11/2017	14:16
7	I5763-01		1	2.55	100	7.77	1.82	0.041	0.041	0.000	0.000	10/11/2017	14:16
8	I5765-01		1	2.50	100	7.31	1.63	0.008	0.008	0.000	0.000	10/11/2017	14:17
9	I5766-04		1	2.55	100	7.60	2.46	0.013	0.013	0.000	0.000	10/11/2017	14:17
10	I5766-04DUP		1	2.53	100	7.52	2.21	0.012	0.012	0.000	0.000	10/11/2017	14:18
11	I5766-04MSPre	40	2	2.51	100	7.91	1.62	0.015	0.354	0.339	0.435	10/11/2017	14:18
12	I5766-04MS2Ins	1284	40	2.55	100	7.35	1.96	0.014	0.612	0.598	0.767	10/11/2017	14:19
13	I5766-04MS3Post	40	2	2.50	100	7.56	2.08	0.016	0.359	0.343	0.440	10/11/2017	14:19
14	I5775-01		1	2.51	100	7.12	2.11	0.057	0.057	0.000	0.000	10/11/2017	14:20
15	CCV2	0.5	1	100	100		1.54	0.000	0.393	0.393	0.504	10/11/2017	14:20
16	CCB2		1	100	100		1.73	0.000	0.000	0.000	0.000	10/11/2017	14:21
17	I5779-01		1	2.54	100	7.64	2.43	0.012	0.013	0.001	0.002	10/11/2017	14:21
18	I5779-03		1	2.50	100	7.95	2.15	0.019	0.019	0.000	0.000	10/11/2017	14:22
19	I5780-01		1	2.51	100	7.83	1.69	0.041	0.041	0.000	0.000	10/11/2017	14:22
20	I5780-05		1	2.52	100	7.25	2.33	0.050	0.050	0.000	0.000	10/11/2017	14:23
21	I5782-01		1	2.53	100	7.34	1.98	0.016	0.019	0.003	0.004	10/11/2017	14:23
22	I5782-02		1	2.51	100	7.16	1.64	0.013	0.016	0.003	0.004	10/11/2017	14:24
23	I5782-03		1	2.55	100	7.20	1.70	0.020	0.020	0.000	0.000	10/11/2017	14:24
24	I5782-04		1	2.52	100	7.67	2.05	0.011	0.014	0.003	0.004	10/11/2017	14:25
25	I5782-05		1	2.53	100	7.20	2.10	0.050	0.050	0.000	0.000	10/11/2017	14:25
26	I5782-06		1	2.54	100	7.14	2.31	0.010	0.011	0.001	0.002	10/11/2017	14:26
27	CCV3	0.5	1	100	100		2.20	0.000	0.394	0.394	0.506	10/11/2017	14:26
28	CCB3		1	100	100		1.72	0.000	0.000	0.000	0.000	10/11/2017	14:27
29	I5782-07		1	2.50	100	7.08	1.67	0.017	0.017	0.000	0.000	10/11/2017	14:27
30	I5782-08		1	2.51	100	7.64	2.24	0.012	0.012	0.000	0.000	10/11/2017	14:28
31	I5782-09		1	2.50	100	7.55	2.35	0.007	0.008	0.001	0.002	10/11/2017	14:28
32	I5782-10		1	2.53	100	7.63	1.59	0.009	0.011	0.002	0.003	10/11/2017	14:29
33	CCV4	0.5	1	100	100		1.80	0.000	0.394	0.394	0.506	10/11/2017	14:29
34	CCB4		1	100	100		2.21	0.000	0.000	0.000	0.000	10/11/2017	14:30