

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90881

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58833
Calibration Std. hexchrome 0.05 ppm	WP58832
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58835
Calibratation STD Hexa Chrome 0.5 PPM	WP58834
calibration std. hexchrome 0.01 ppm	WP58830
calibration std. hexchrome 0 ppm	WP58829
Hexavalent Chromium ICV Std.	WP58836
Hexavalent Chromium CCV Std	WP58837
hexavalent chromium color reagent	WP58799
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP58831

Intercept: -0.0002

Slope: 0.7746

Regression: 0.999935

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		2.12	0.000	0.000	0.000	10/17/2017	13:21
2	CAL2	0.01	1	100	100		1.95	0.000	0.006	0.006	10/17/2017	13:21
3	CAL3	0.025	1	100	100		2.20	0.000	0.017	0.017	10/17/2017	13:22
4	CAL4	0.05	1	100	100		1.84	0.000	0.038	0.038	10/17/2017	13:22
5	CAL5	0.1	1	100	100		2.24	0.000	0.078	0.078	10/17/2017	13:23
6	CAL6	0.5	1	100	100		1.63	0.000	0.394	0.394	10/17/2017	13:23
7	CAL7	1	1	100	100		2.44	0.000	0.771	0.771	10/17/2017	13:24



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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		1.99	0.000	0.391	0.391	0.505	10/17/2017	13:24
2	ICB		1	100	100		1.67	0.000	0.000	0.000	0.000	10/17/2017	13:25
3	CCV1	0.5	1	100	100		2.14	0.000	0.392	0.392	0.506	10/17/2017	13:25
4	CCB1		1	100	100		2.31	0.000	0.000	0.000	0.000	10/17/2017	13:26
5	PB103383BL		1	2.55	100	7.82	1.74	0.000	0.000	0.000	0.000	10/17/2017	13:26
6	PB103383BS	20	1	2.52	100	7.20	2.22	0.000	0.366	0.366	0.473	10/17/2017	13:27
7	I5929-01		1	2.50	100	7.36	2.40	0.012	0.012	0.000	0.000	10/17/2017	13:27
8	I5929-01DUP		1	2.51	100	7.91	1.00	0.011	0.011	0.000	0.000	10/17/2017	13:28
9	I5929-01MSPre	40	2	2.53	100	7.66	2.15	0.015	0.358	0.343	0.443	10/17/2017	13:28
10	I5929-01MS2Ins	1284	40	2.50	100	7.43	2.25	0.014	0.602	0.588	0.759	10/17/2017	13:29
11	I5929-01MS3Post	40	2	2.54	100	7.12	1.53	0.017	0.360	0.343	0.443	10/17/2017	13:29
12	I5929-05		1	2.53	100	7.08	1.60	0.019	0.019	0.000	0.000	10/17/2017	13:30
13	I5929-09		1	2.54	100	7.55	1.98	0.031	0.031	0.000	0.000	10/17/2017	13:30
14	I5930-01		1	2.50	100	7.43	2.35	0.027	0.027	0.000	0.000	10/17/2017	13:31
15	CCV2	0.5	1	100	100		2.21	0.000	0.392	0.392	0.506	10/17/2017	13:31
16	CCB2		1	100	100		1.69	0.000	0.000	0.000	0.000	10/17/2017	13:32
17	I5930-03		1	2.55	100	7.75	1.77	0.013	0.013	0.000	0.000	10/17/2017	13:32
18	I5931-01		1	2.55	100	7.31	2.30	0.015	0.015	0.000	0.000	10/17/2017	13:33
19	I5932-03		1	2.51	100	7.66	2.41	0.030	0.031	0.001	0.002	10/17/2017	13:33
20	I5935-01		1	2.52	100	7.40	1.94	0.025	0.025	0.000	0.000	10/17/2017	13:34
21	I5935-04		1	2.53	100	7.35	1.56	0.009	0.009	0.000	0.000	10/17/2017	13:34
22	I5935-07		1	2.54	100	7.20	2.36	0.029	0.029	0.000	0.000	10/17/2017	13:35
23	I5935-10		1	2.52	100	7.61	2.29	0.037	0.037	0.000	0.000	10/17/2017	13:35
24	I5935-13		1	2.50	100	7.92	1.78	0.008	0.008	0.000	0.000	10/17/2017	13:36
25	I5942-01		1	2.53	100	7.33	1.81	0.035	0.035	0.000	0.000	10/17/2017	13:36
26	CCV3	0.5	1	100	100		2.05	0.000	0.393	0.393	0.508	10/17/2017	13:37
27	CCB3		1	100	100		2.47	0.000	0.000	0.000	0.000	10/17/2017	13:37