

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91212

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59217
Calibration Std. hexchrome 0.05 ppm	WP59216
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59219
Calibratation STD Hexa Chrome 0.5 PPM	WP59218
calibration std. hexchrome 0.01 ppm	WP59214
calibration std. hexchrome 0 ppm	WP59213
Hexavalent Chromium ICV Std.	WP59220
Hexavalent Chromium CCV Std	WP59221
hexavalent chromium color reagent	WP59212
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59215

Intercept: -0.0005

Slope: 0.7801

Regression: 0.999962

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		2.13	0.000	0.000	0.000	10/30/2017	15:00
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	10/30/2017	15:00
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	10/30/2017	15:01
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	10/30/2017	15:01
5	CAL5	0.1	1	100	100		2.41	0.000	0.077	0.077	10/30/2017	15:02
6	CAL6	0.5	1	100	100		2.25	0.000	0.395	0.395	10/30/2017	15:02
7	CAL7	1	1	100	100		1.63	0.000	0.777	0.777	10/30/2017	15:03



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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		1.82	0.000	0.392	0.392	0.503	10/30/2017	15:03
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.001	10/30/2017	15:04
3	CCV1	0.5	1	100	100		2.33	0.000	0.393	0.393	0.504	10/30/2017	15:04
4	CCB1		1	100	100		2.37	0.000	0.000	0.000	0.001	10/30/2017	15:05
5	PB103814BL		1	2.52	100	7.24	1.58	0.000	0.000	0.000	0.001	10/30/2017	15:05
6	PB103814BS	20	1	2.51	100	7.30	1.77	0.000	0.370	0.370	0.475	10/30/2017	15:06
7	I6174-02		1	2.55	100	7.75	2.34	0.033	0.033	0.000	0.001	10/30/2017	15:06
8	I6182-01		1	2.51	100	7.81	2.46	0.029	0.029	0.000	0.001	10/30/2017	15:07
9	I6194-01		1	2.54	100	7.69	2.27	0.027	0.027	0.000	0.001	10/30/2017	15:07
10	I6196-01		1	2.50	100	7.40	1.93	0.031	0.031	0.000	0.001	10/30/2017	15:08
11	I6200-01		1	2.55	100	7.23	1.88	0.054	0.054	0.000	0.001	10/30/2017	15:08
12	I6206-01		1	2.54	100	7.12	2.01	0.045	0.045	0.000	0.001	10/30/2017	15:09
13	I6206-03		1	2.52	100	7.08	1.78	0.038	0.038	0.000	0.001	10/30/2017	15:09
14	I6206-05		1	2.51	100	7.30	1.66	0.050	0.050	0.000	0.001	10/30/2017	15:10
15	CCV2	0.5	1	100	100		2.44	0.000	0.393	0.393	0.504	10/30/2017	15:10
16	CCB2		1	100	100		2.21	0.000	0.000	0.000	0.001	10/30/2017	15:11
17	I6209-01		1	2.50	100	7.62	2.19	0.014	0.014	0.000	0.001	10/30/2017	15:11
18	I6209-03		1	2.53	100	7.91	1.89	0.018	0.018	0.000	0.001	10/30/2017	15:12
19	I6210-01		1	2.52	100	7.80	1.72	0.021	0.021	0.000	0.001	10/30/2017	15:12
20	I6213-01		1	2.50	100	7.30	1.79	0.013	0.013	0.000	0.001	10/30/2017	15:13
21	I6213-01DUP		1	2.51	100	7.44	2.36	0.012	0.012	0.000	0.001	10/30/2017	15:13
22	I6213-01MSPre	40	2	2.53	100	7.51	1.94	0.014	0.348	0.334	0.429	10/30/2017	15:14
23	I6213-01MS2Ins	1284	40	2.50	100	7.28	2.39	0.014	0.608	0.594	0.762	10/30/2017	15:14
24	I6213-01MS3Post	40	2	2.54	100	7.49	2.25	0.015	0.355	0.340	0.436	10/30/2017	15:15
25	CCV3	0.5	1	100	100		1.83	0.000	0.394	0.394	0.506	10/30/2017	15:15
26	CCB3		1	100	100		1.79	0.000	0.000	0.000	0.001	10/30/2017	15:16