

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87827

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55331
Calibration Std. hexchrome 0.05 ppm	WP55330
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55333
Calibratation STD Hexa Chrome 0.5 PPM	WP55332
calibration std. hexchrome 0.01 ppm	WP55328
calibration std. hexchrome 0 ppm	WP55350
Hexavalent Chromium ICV Std.	WP55334
Hexavalent Chromium CCV Std	WP55335
hexavalent chromium color reagent	WP55319
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55329

Intercept: -0.0001

Slope: 0.781

Regression: 0.999953

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		2.30	0.000	0.000	0.000	06/02/2017	14:01
2	CAL2	0.01	1	100	100		1.78	0.000	0.006	0.006	06/02/2017	14:01
3	CAL3	0.025	1	100	100		1.93	0.000	0.017	0.017	06/02/2017	14:02
4	CAL4	0.05	1	100	100		2.17	0.000	0.039	0.039	06/02/2017	14:02
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	06/02/2017	14:03
6	CAL6	0.5	1	100	100		1.80	0.000	0.396	0.396	06/02/2017	14:03
7	CAL7	1	1	100	100		2.39	0.000	0.778	0.778	06/02/2017	14:04



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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	0.390	0.390	0.499	06/02/2017	14:04
2	ICB		1	100	100		1.62	0.000	0.000	0.000	0.000	06/02/2017	14:05
3	CCV1	0.5	1	100	100		1.73	0.000	0.391	0.391	0.501	06/02/2017	14:05
4	CCB1		1	100	100		2.40	0.000	0.000	0.000	0.000	06/02/2017	14:06
5	PB99449BL		1	2.53	100	7.20	2.25	0.000	0.000	0.000	0.000	06/02/2017	14:06
6	PB99449BS	20	1	2.54	100	7.82	2.31	0.000	0.351	0.351	0.450	06/02/2017	14:07
7	I3412-01		1	2.51	100	7.33	1.99	0.021	0.021	0.000	0.000	06/02/2017	14:07
8	I3412-05		1	2.53	100	7.29	2.14	0.024	0.024	0.000	0.000	06/02/2017	14:08
9	I3412-09		1	2.52	100	7.15	1.53	0.009	0.009	0.000	0.000	06/02/2017	14:08
10	I3413-01		1	2.53	100	7.46	1.77	0.019	0.020	0.001	0.001	06/02/2017	14:09
11	I3440-01		1	2.50	100	7.26	2.45	0.034	0.035	0.001	0.001	06/02/2017	14:09
12	I3440-03		1	2.51	100	7.79	2.19	0.016	0.016	0.000	0.000	06/02/2017	14:10
13	I3440-05		1	2.50	100	7.47	2.37	0.014	0.014	0.000	0.000	06/02/2017	14:10
14	I3441-01		1	2.55	100	7.38	2.25	0.022	0.022	0.000	0.000	06/02/2017	14:11
15	CCV2	0.5	1	100	100		1.78	0.000	0.391	0.391	0.501	06/02/2017	14:11
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	06/02/2017	14:12
17	I3441-03		1	2.54	100	7.40	2.01	0.008	0.008	0.000	0.000	06/02/2017	14:12
18	I3441-05		1	2.53	100	7.51	1.69	0.018	0.018	0.000	0.000	06/02/2017	14:13
19	I3441-07		1	2.50	100	7.60	1.70	0.017	0.017	0.000	0.000	06/02/2017	14:13
20	I3441-09		1	2.55	100	7.83	2.23	0.021	0.021	0.000	0.000	06/02/2017	14:14
21	I3441-11		1	2.53	100	7.90	1.59	0.008	0.008	0.000	0.000	06/02/2017	14:14
22	I3442-01		1	2.55	100	7.10	2.47	0.015	0.016	0.001	0.001	06/02/2017	14:15
23	I3443-01		1	2.50	100	7.14	1.70	0.012	0.012	0.000	0.000	06/02/2017	14:15
24	I3443-01DUP		1	2.51	100	7.20	2.40	0.013	0.013	0.000	0.000	06/02/2017	14:16
25	I3443-01MSPre	40	2	2.55	100	7.36	2.28	0.014	0.173	0.159	0.204	06/02/2017	14:16
26	I3443-01MS2Ins	1284	40	2.55	100	7.39	1.92	0.015	0.621	0.606	0.776	06/02/2017	14:17
27	CCV3	0.5	1	100	100		1.83	0.000	0.392	0.392	0.502	06/02/2017	14:17
28	CCB3		1	100	100		2.24	0.000	0.000	0.000	0.000	06/02/2017	14:18
29	I3443-01MS3Post	40	2	2.52	100	7.42	2.36	0.017	0.268	0.251	0.322	06/02/2017	14:18
30	CCV4	0.5	1	100	100		2.35	0.000	0.392	0.392	0.502	06/02/2017	14:19
31	CCB4		1	100	100		2.14	0.000	0.000	0.000	0.000	06/02/2017	14:19