

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92407

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60608
Calibration Std. hexchrome 0.05 ppm	WP60607
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60610
Calibratation STD Hexa Chrome 0.5 PPM	WP60609
calibration std. hexchrome 0.01 ppm	WP60605
calibration std. hexchrome 0 ppm	WP60604
Hexavalent Chromium ICV Std.	WP60611
Hexavalent Chromium CCV Std	WP60612
hexavalent chromium color reagent	WP60547
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60606

Intercept: 0.0006

Slope: 0.7748

Regression: 0.999931

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		2.20	0.000	0.000	0.000	12/27/2017	13:50
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	12/27/2017	13:50
3	CAL3	0.025	1	100	100		1.69	0.000	0.017	0.017	12/27/2017	13:51
4	CAL4	0.05	1	100	100		2.43	0.000	0.039	0.039	12/27/2017	13:51
5	CAL5	0.1	1	100	100		1.77	0.000	0.079	0.079	12/27/2017	13:52
6	CAL6	0.5	1	100	100		1.90	0.000	0.395	0.395	12/27/2017	13:52
7	CAL7	1	1	100	100		1.58	0.000	0.772	0.772	12/27/2017	13:53



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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		1.70	0.000	0.390	0.390	0.503	12/27/2017	13:53
2	ICB		1	100	100		2.47	0.000	0.000	0.000	-0.001	12/27/2017	13:54
3	CCV1	0.5	1	100	100		1.66	0.000	0.390	0.390	0.503	12/27/2017	13:54
4	CCB1		1	100	100		2.35	0.000	0.000	0.000	-0.001	12/27/2017	13:55
5	PB105368BL		1	2.52	100	7.12	2.02	0.000	0.000	0.000	-0.001	12/27/2017	13:55
6	PB105368BS	20	1	2.53	100	7.20	2.17	0.000	0.351	0.351	0.452	12/27/2017	13:56
7	I6685-05		1	2.52	100	7.38	1.53	0.048	0.048	0.000	-0.001	12/27/2017	13:56
8	I6685-05DUP		1	2.51	100	7.41	1.97	0.047	0.047	0.000	-0.001	12/27/2017	13:57
9	I6685-05MSPre	40	2	2.55	100	7.89	2.21	0.050	0.230	0.180	0.232	12/27/2017	13:57
10	I6685-05MS2Ins	1284	40	2.50	100	7.65	2.12	0.046	0.611	0.565	0.728	12/27/2017	13:58
11	I6685-05MS3Post	40	2	2.54	100	7.52	2.27	0.058	0.301	0.243	0.313	12/27/2017	13:58
12	I6685-07		1	2.51	100	7.63	2.35	0.038	0.038	0.000	-0.001	12/27/2017	13:59
13	I6685-09		1	2.52	100	7.44	1.69	0.054	0.054	0.000	-0.001	12/27/2017	13:59
14	I6685-11		1	2.50	100	7.92	1.57	0.038	0.038	0.000	-0.001	12/27/2017	14:00
15	CCV2	0.5	1	100	100		2.33	0.000	0.391	0.391	0.504	12/27/2017	14:00
16	CCB2		1	100	100		2.64	0.000	0.000	0.000	-0.001	12/27/2017	14:01
17	I6686-05		1	2.55	100	7.33	2.71	0.051	0.051	0.000	-0.001	12/27/2017	14:01
18	I7049-01		1	2.50	100	7.51	2.96	0.047	0.047	0.000	-0.001	12/27/2017	14:02
19	I7056-01		1	2.54	100	7.66	2.41	0.045	0.045	0.000	-0.001	12/27/2017	14:02
20	I7064-01		1	2.53	100	7.30	1.93	0.069	0.069	0.000	-0.001	12/27/2017	14:03
21	I7064-03		1	2.50	100	7.54	2.35	0.038	0.038	0.000	-0.001	12/27/2017	14:03
22	I7064-05		1	2.51	100	7.40	2.46	0.051	0.051	0.000	-0.001	12/27/2017	14:04
23	I7064-07		1	2.52	100	7.33	1.88	0.027	0.027	0.000	-0.001	12/27/2017	14:04
24	I7064-09		1	2.54	100	7.30	1.64	0.033	0.034	0.001	0.001	12/27/2017	14:05
25	I7064-11		1	2.55	100	7.46	1.97	0.010	0.010	0.000	-0.001	12/27/2017	14:05
26	I7064-13		1	2.50	100	7.58	2.10	0.024	0.024	0.000	-0.001	12/27/2017	14:06
27	CCV3	0.5	1	100	100		2.25	0.000	0.392	0.392	0.505	12/27/2017	14:06
28	CCB3		1	100	100		1.81	0.000	0.000	0.000	-0.001	12/27/2017	14:07
29	I7064-15		1	2.51	100	7.90	2.10	0.019	0.019	0.000	-0.001	12/27/2017	14:07
30	I7064-17		1	2.52	100	7.27	1.70	0.026	0.026	0.000	-0.001	12/27/2017	14:08
31	I7064-19		1	2.50	100	7.21	2.21	0.014	0.014	0.000	-0.001	12/27/2017	14:08
32	CCV4	0.5	1	100	100		2.34	0.000	0.393	0.393	0.506	12/27/2017	14:09
33	CCB4		1	100	100		1.76	0.000	0.000	0.000	-0.001	12/27/2017	14:19