

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91983

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60140
Calibration Std. hexchrome 0.05 ppm	WP60138
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60143
Calibratation STD Hexa Chrome 0.5 PPM	WP60142
calibration std. hexchrome 0.01 ppm	WP60137
calibration std. hexchrome 0 ppm	WP60134
Hexavalent Chromium ICV Std.	WP60144
Hexavalent Chromium CCV Std	WP60146
hexavalent chromium color reagent	WP60151
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60139

Intercept: 0.0006

Slope: 0.7745

Regression: 0.99995

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		2.17	0.000	0.000	0.000	12/06/2017	14:30
2	CAL2	0.01	1	100	100		2.08	0.000	0.008	0.008	12/06/2017	14:30
3	CAL3	0.025	1	100	100		1.69	0.000	0.018	0.018	12/06/2017	14:31
4	CAL4	0.05	1	100	100		1.75	0.000	0.039	0.039	12/06/2017	14:31
5	CAL5	0.1	1	100	100		2.41	0.000	0.078	0.078	12/06/2017	14:32
6	CAL6	0.5	1	100	100		1.63	0.000	0.394	0.394	12/06/2017	14:32
7	CAL7	1	1	100	100		2.29	0.000	0.772	0.772	12/06/2017	14:33



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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		1.69	0.000	0.390	0.390	0.503	12/06/2017	14:33
2	ICB		1	100	100		2.20	0.000	0.000	0.000	-0.001	12/06/2017	14:34
3	CCV1	0.5	1	100	100		2.34	0.000	0.391	0.391	0.504	12/06/2017	14:34
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	-0.001	12/06/2017	14:35
5	PB104786BL		1	2.51	100	7.30	1.96	0.000	0.000	0.000	-0.001	12/06/2017	14:36
6	PB104786BS	20	1	2.53	100	7.25	2.04	0.000	0.336	0.336	0.433	12/06/2017	14:36
7	I6303-01		1	2.53	100	7.63	2.13	0.015	0.015	0.000	-0.001	12/06/2017	14:37
8	I6675-01		1	2.51	100	7.81	2.45	0.022	0.022	0.000	-0.001	12/06/2017	14:37
9	I6683-01		1	2.52	100	7.60	1.86	0.018	0.018	0.000	-0.001	12/06/2017	14:38
10	I6683-03		1	2.55	100	7.44	1.94	0.012	0.012	0.000	-0.001	12/06/2017	14:38
11	I6683-05		1	2.53	100	7.58	1.73	0.013	0.015	0.002	0.002	12/06/2017	14:39
12	I6685-01		1	2.51	100	7.30	1.54	0.062	0.063	0.001	0.001	12/06/2017	14:39
13	I6685-03		1	2.54	100	7.66	2.08	0.005	0.005	0.000	-0.001	12/06/2017	14:40
14	I6685-03DUP		1	2.50	100	7.29	2.10	0.006	0.006	0.000	-0.001	12/06/2017	14:40
15	CCV2	0.5	1	100	100		1.66	0.000	0.391	0.391	0.504	12/06/2017	14:41
16	CCB2		1	100	100		2.44	0.000	0.000	0.000	-0.001	12/06/2017	14:41
17	I6685-03MSPre	40	2	2.55	100	7.51	1.60	0.008	0.153	0.145	0.186	12/06/2017	14:42
18	I6685-03MS2Ins	1284	40	2.50	100	7.25	1.76	0.007	0.602	0.595	0.767	12/06/2017	14:42
19	I6685-03MS3Post	40	2	2.55	100	7.03	2.15	0.011	0.277	0.266	0.343	12/06/2017	14:43
20	I6738-01		1	2.54	100	7.44	2.21	0.009	0.009	0.000	-0.001	12/06/2017	14:43
21	I6741-01		1	2.50	100	7.16	1.80	0.016	0.016	0.000	-0.001	12/06/2017	14:44
22	I6744-01		1	2.52	100	7.30	2.27	0.019	0.019	0.000	-0.001	12/06/2017	14:44
23	I6744-02		1	2.55	100	7.71	1.96	0.013	0.015	0.002	0.002	12/06/2017	14:45
24	I6744-03		1	2.50	100	7.92	2.35	0.030	0.065	0.035	0.044	12/06/2017	14:45
25	I6744-04		1	2.51	100	7.88	1.27	0.017	0.017	0.000	-0.001	12/06/2017	14:46
26	I6744-06		1	2.54	100	7.95	2.38	0.015	0.015	0.000	-0.001	12/06/2017	14:46
27	CCV3	0.5	1	100	100		2.33	0.000	0.392	0.392	0.505	12/06/2017	14:47
28	CCB3		1	100	100		2.21	0.000	0.000	0.000	-0.001	12/06/2017	14:47
29	I6744-07		1	2.53	100	7.12	1.76	0.007	0.007	0.000	-0.001	12/06/2017	14:48
30	I6744-08		1	2.54	100	7.24	1.85	0.009	0.009	0.000	-0.001	12/06/2017	14:48
31	I6744-09		1	2.53	100	7.06	2.14	0.012	0.012	0.000	-0.001	12/06/2017	14:49
32	I6744-10		1	2.54	100	7.19	2.28	0.010	0.010	0.000	-0.001	12/06/2017	14:49
33	CCV4	0.5	1	100	100		1.66	0.000	0.392	0.392	0.505	12/06/2017	14:50
34	CCB4		1	100	100		1.98	0.000	0.000	0.000	-0.001	12/06/2017	14:50