

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92109

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60295
Calibration Std. hexchrome 0.05 ppm	WP60294
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60297
Calibratation STD Hexa Chrome 0.5 PPM	WP60296
calibration std. hexchrome 0.01 ppm	WP60292
calibration std. hexchrome 0 ppm	WP60291
Hexavalent Chromium ICV Std.	WP60298
Hexavalent Chromium CCV Std	WP60299
hexavalent chromium color reagent	WP60151
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60293

Intercept: 0.0003

Slope: 0.7769

Regression: 0.999943

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		2.19	0.000	0.000	0.000	12/12/2017	13:40
2	CAL2	0.01	1	100	100		2.04	0.000	0.007	0.007	12/12/2017	13:40
3	CAL3	0.025	1	100	100		2.36	0.000	0.017	0.017	12/12/2017	13:41
4	CAL4	0.05	1	100	100		1.94	0.000	0.039	0.039	12/12/2017	13:41
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	12/12/2017	13:42
6	CAL6	0.5	1	100	100		1.57	0.000	0.395	0.395	12/12/2017	13:42
7	CAL7	1	1	100	100		2.04	0.000	0.774	0.774	12/12/2017	13:43



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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		2.15	0.000	0.390	0.390	0.502	12/12/2017	13:43
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.000	12/12/2017	13:44
3	CCV1	0.5	1	100	100		1.74	0.000	0.391	0.391	0.503	12/12/2017	13:44
4	CCB1		1	100	100		2.35	0.000	0.000	0.000	0.000	12/12/2017	13:45
5	PB104959BL		1	2.54	100	7.10	1.77	0.000	0.000	0.000	0.000	12/12/2017	13:45
6	PB104959BS	20	1	2.53	100	7.25	2.20	0.000	0.335	0.335	0.431	12/12/2017	13:46
7	I6675-03		1	2.52	100	7.33	1.90	0.046	0.046	0.000	0.000	12/12/2017	13:46
8	I6675-05		1	2.50	100	7.40	2.14	0.009	0.019	0.010	0.012	12/12/2017	13:47
9	I6686-03		1	2.51	100	7.12	2.17	0.010	0.010	0.000	0.000	12/12/2017	13:47
10	I6813-01		1	2.50	100	7.90	1.77	0.007	0.007	0.000	0.000	12/12/2017	13:48
11	I6813-01DUP		1	2.51	100	7.63	2.43	0.006	0.006	0.000	0.000	12/12/2017	13:48
12	I6813-01MSPre	40	2	2.55	100	7.51	1.81	0.008	0.330	0.322	0.414	12/12/2017	13:49
13	I6813-01MS2Ins	1284	40	2.55	100	7.23	2.20	0.008	0.610	0.602	0.774	12/12/2017	13:49
14	I6813-01MS3Post	40	2	2.55	100	7.14	1.73	0.010	0.364	0.354	0.455	12/12/2017	13:50
15	CCV2	0.5	1	100	100		2.10	0.000	0.391	0.391	0.503	12/12/2017	13:50
16	CCB2		1	100	100		2.31	0.000	0.000	0.000	0.000	12/12/2017	13:51
17	I6814-01		1	2.55	100	7.28	1.54	0.009	0.009	0.000	0.000	12/12/2017	13:51
18	I6822-03		1	2.53	100	7.14	2.26	0.012	0.012	0.000	0.000	12/12/2017	13:52
19	I6822-05		1	2.51	100	7.23	2.40	0.021	0.021	0.000	0.000	12/12/2017	13:52
20	I6822-07		1	2.53	100	7.64	1.76	0.025	0.025	0.000	0.000	12/12/2017	13:53
21	I6822-09		1	2.51	100	7.20	1.80	0.014	0.016	0.002	0.002	12/12/2017	13:53
22	I6868-01		1	2.55	100	7.44	1.66	0.003	0.007	0.004	0.005	12/12/2017	13:54
23	I6872-01		1	2.50	100	7.33	2.07	0.010	0.010	0.000	0.000	12/12/2017	13:54
24	CCV3	0.5	1	100	100		1.74	0.000	0.392	0.392	0.504	12/12/2017	13:55
25	CCB3		1	100	100		2.23	0.000	0.000	0.000	0.000	12/12/2017	13:55