

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89875

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57691
Calibration Std. hexchrome 0.05 ppm	WP57690
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57693
Calibratation STD Hexa Chrome 0.5 PPM	WP57692
calibration std. hexchrome 0.01 ppm	WP57688
calibration std. hexchrome 0 ppm	WP57687
Hexavalent Chromium ICV Std.	WP57694
Hexavalent Chromium CCV Std	WP57695
hexavalent chromium color reagent	WP57683
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57689

Intercept: -0.0001

Slope: 0.7801

Regression: 0.999948

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	09/05/2017	15:40
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	09/05/2017	15:40
3	CAL3	0.025	1	100	100		1.55	0.000	0.017	0.017	09/05/2017	15:41
4	CAL4	0.05	1	100	100		2.44	0.000	0.038	0.038	09/05/2017	15:41
5	CAL5	0.1	1	100	100		2.30	0.000	0.079	0.079	09/05/2017	15:42
6	CAL6	0.5	1	100	100		1.88	0.000	0.396	0.396	09/05/2017	15:42
7	CAL7	1	1	100	100		1.64	0.000	0.777	0.777	09/05/2017	15:43



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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		2.36	0.000	0.390	0.390	0.500	09/05/2017	15:43
2	ICB		1	100	100		2.23	0.000	0.000	0.000	0.000	09/05/2017	15:44
3	CCV1	0.5	1	100	100		1.58	0.000	0.392	0.392	0.503	09/05/2017	15:44
4	CCB1		1	100	100		1.67	0.000	0.000	0.000	0.000	09/05/2017	15:45
5	PB102080BL		1	2.50	100	7.55	2.47	0.000	0.000	0.000	0.000	09/05/2017	15:45
6	PB102080BS	20	1	2.54	100	7.20	1.73	0.000	0.393	0.393	0.504	09/05/2017	15:46
7	I5083-01		1	2.53	100	7.31	2.04	0.009	0.009	0.000	0.000	09/05/2017	15:46
8	I5083-01DUP		1	2.55	100	7.22	1.92	0.008	0.008	0.000	0.000	09/05/2017	15:47
9	I5083-01MSPre	40	2	2.51	100	7.79	2.08	0.010	0.381	0.371	0.476	09/05/2017	15:47
10	I5083-01MS2Ins	1284	40	2.51	100	7.90	1.57	0.011	0.641	0.630	0.808	09/05/2017	15:48
11	I5083-01MS3Post	40	2	2.54	100	7.54	2.03	0.012	0.389	0.377	0.483	09/05/2017	15:48
12	I5083-02		1	2.53	100	7.33	2.37	0.007	0.007	0.000	0.000	09/05/2017	15:49
13	I5084-01		1	2.52	100	7.61	1.78	0.053	0.053	0.000	0.000	09/05/2017	15:49
14	I5084-02		1	2.55	100	7.24	1.64	0.092	0.092	0.000	0.000	09/05/2017	15:50
15	CCV2	0.5	1	100	100		2.44	0.000	0.392	0.392	0.503	09/05/2017	15:50
16	CCB2		1	100	100		2.38	0.000	0.000	0.000	0.000	09/05/2017	15:51
17	I5092-01		1	2.50	100	7.19	2.25	0.040	0.040	0.000	0.000	09/05/2017	15:51
18	I5093-01		1	2.51	100	7.12	2.37	0.048	0.048	0.000	0.000	09/05/2017	15:52
19	I5093-04		1	2.54	100	7.05	2.14	0.120	0.120	0.000	0.000	09/05/2017	15:52
20	I5093-07		1	2.50	100	7.08	1.67	0.065	0.065	0.000	0.000	09/05/2017	15:53
21	I5095-01		1	2.53	100	7.63	1.97	0.133	0.133	0.000	0.000	09/05/2017	15:53
22	CCV3	0.5	1	100	100		1.71	0.000	0.393	0.393	0.504	09/05/2017	15:54
23	CCB3		1	100	100		2.16	0.000	0.000	0.000	0.000	09/05/2017	15:54