

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90006

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57834
Calibration Std. hexchrome 0.05 ppm	WP57833
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57836
Calibratation STD Hexa Chrome 0.5 PPM	WP57835
calibration std. hexchrome 0.01 ppm	WP57831
calibration std. hexchrome 0 ppm	WP57830
Hexavalent Chromium ICV Std.	WP57837
Hexavalent Chromium CCV Std	WP57838
hexavalent chromium color reagent	WP57799
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57832

Intercept: 0.0004

Slope: 0.7782

Regression: 0.999928

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		2.12	0.000	0.000	0.000	09/11/2017	11:10
2	CAL2	0.01	1	100	100		1.63	0.000	0.008	0.008	09/11/2017	11:10
3	CAL3	0.025	1	100	100		2.22	0.000	0.018	0.018	09/11/2017	11:11
4	CAL4	0.05	1	100	100		2.36	0.000	0.039	0.039	09/11/2017	11:11
5	CAL5	0.1	1	100	100		1.88	0.000	0.077	0.077	09/11/2017	11:12
6	CAL6	0.5	1	100	100		2.05	0.000	0.397	0.397	09/11/2017	11:12
7	CAL7	1	1	100	100		1.72	0.000	0.775	0.775	09/11/2017	11:13



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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		2.30	0.000	0.389	0.389	0.499	09/11/2017	11:13
2	ICB		1	100	100		1.55	0.000	0.000	0.000	-0.001	09/11/2017	11:14
3	CCV1	0.5	1	100	100		2.13	0.000	0.392	0.392	0.503	09/11/2017	13:45
4	CCB1		1	100	100		1.86	0.000	0.000	0.000	-0.001	09/11/2017	13:45
5	PB102246BL		1	2.52	100	7.23	1.92	0.000	0.000	0.000	-0.001	09/11/2017	13:46
6	PB102246BS	20	1	2.54	100	7.33	2.33	0.000	0.388	0.388	0.498	09/11/2017	13:46
7	I5161-01		1	2.50	100	7.10	2.15	0.049	0.051	0.002	0.002	09/11/2017	13:47
8	I5161-03		1	2.53	100	7.08	1.71	0.044	0.044	0.000	-0.001	09/11/2017	13:47
9	I5161-05		1	2.52	100	7.34	1.66	0.041	0.041	0.000	-0.001	09/11/2017	13:48
10	I5161-07		1	2.50	100	7.63	2.44	0.054	0.054	0.000	-0.001	09/11/2017	13:48
11	I5161-09		1	2.51	100	7.90	2.12	0.018	0.018	0.000	-0.001	09/11/2017	13:49
12	I5161-11		1	2.53	100	7.81	2.46	0.026	0.026	0.000	-0.001	09/11/2017	13:49
13	I5161-13		1	2.55	100	7.36	1.89	0.018	0.018	0.000	-0.001	09/11/2017	13:50
14	I5161-15		1	2.54	100	7.40	1.63	0.023	0.023	0.000	-0.001	09/11/2017	13:50
15	CCV2	0.5	1	100	100		2.05	0.000	0.392	0.392	0.503	09/11/2017	13:51
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	-0.001	09/11/2017	13:51
17	I5161-17		1	2.55	100	7.24	2.23	0.045	0.045	0.000	-0.001	09/11/2017	13:52
18	I5161-17DUP		1	2.51	100	7.30	2.20	0.043	0.043	0.000	-0.001	09/11/2017	13:52
19	I5161-17MSPre	40	2	2.50	100	7.05	1.70	0.045	0.088	0.043	0.055	09/11/2017	13:53
20	I5161-17MS2Ins	1284	40	2.50	100	7.17	1.65	0.046	0.626	0.580	0.745	09/11/2017	13:53
21	I5161-17MS3Post	40	2	2.53	100	7.21	1.81	0.048	0.091	0.043	0.055	09/11/2017	13:54
22	I5161-19		1	2.53	100	7.38	2.12	0.035	0.035	0.000	-0.001	09/11/2017	13:54
23	I5171-01		1	2.50	100	7.20	2.13	0.009	0.009	0.000	-0.001	09/11/2017	13:55
24	I5175-01		1	2.51	100	7.36	2.44	0.040	0.0400	0.000	-0.001	09/11/2017	13:55
25	I5175-04		1	2.50	100	7.55	1.63	0.038	0.039	0.001	0.001	09/11/2017	13:56
26	I5184-01		1	2.52	100	7.03	2.07	0.011	0.011	0.000	-0.001	09/11/2017	13:56
27	CCV3	0.5	1	100	100		2.16	0.000	0.393	0.393	0.504	09/11/2017	13:57
28	CCB3		1	100	100		1.80	0.000	0.000	0.000	-0.001	09/11/2017	13:57