

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88625

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56286
Calibration Std. hexchrome 0.05 ppm	WP56284
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP56288
Calibratation STD Hexa Chrome 0.5 PPM	WP56287
calibration std. hexchrome 0.01 ppm	WP56283
calibration std. hexchrome 0 ppm	WP56282
Hexavalent Chromium ICV Std.	WP56289
Hexavalent Chromium CCV Std	WP56290
hexavalent chromium color reagent	WP56155
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56285

Intercept: 0.0001

Slope: 0.7807

Regression: 0.999955

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	07/10/2017	13:05
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	07/10/2017	13:05
3	CAL3	0.025	1	100	100		1.88	0.000	0.017	0.017	07/10/2017	13:06
4	CAL4	0.05	1	100	100		2.41	0.000	0.039	0.039	07/10/2017	13:06
5	CAL5	0.1	1	100	100		2.43	0.000	0.079	0.079	07/10/2017	13:07
6	CAL6	0.5	1	100	100		1.77	0.000	0.396	0.396	07/10/2017	13:07
7	CAL7	1	1	100	100		2.25	0.000	0.778	0.778	07/10/2017	13:08



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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		2.33	0.000	0.392	0.392	0.502	07/10/2017	13:08
2	ICB		1	100	100		2.17	0.000	0.000	0.000	0.000	07/10/2017	13:09
3	CCV1	0.5	1	100	100		1.53	0.000	0.392	0.392	0.502	07/10/2017	13:09
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	07/10/2017	13:10
5	PB100530BL		1	2.50	100	7.35	2.39	0.000	0.000	0.000	0.000	07/10/2017	13:10
6	PB100530BS	20	1	2.51	100	7.12	2.20	0.000	0.395	0.395	0.506	07/10/2017	13:11
7	I4061-01		1	2.52	100	7.81	2.15	0.008	0.009	0.001	0.001	07/10/2017	13:11
8	I4061-04		1	2.53	100	7.90	1.70	0.010	0.010	0.000	0.000	07/10/2017	13:12
9	I4061-07		1	2.50	100	7.36	1.64	0.015	0.015	0.000	0.000	07/10/2017	13:12
10	I4061-10		1	2.51	100	7.20	1.71	0.012	0.012	0.000	0.000	07/10/2017	13:13
11	I4071-01		1	2.50	100	7.15	2.13	0.014	0.014	0.000	0.000	07/10/2017	13:13
12	I4071-04		1	2.52	100	7.30	2.10	0.025	0.026	0.001	0.001	07/10/2017	13:14
13	I4071-07		1	2.50	100	7.96	2.40	0.011	0.011	0.000	0.000	07/10/2017	13:14
14	I4071-07DUP		1	2.54	100	7.12	2.21	0.010	0.010	0.000	0.000	07/10/2017	13:15
15	CCV2	0.5	1	100	100		1.84	0.000	0.393	0.393	0.503	07/10/2017	13:15
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	07/10/2017	13:16
17	I4071-07MSPre	40	2	2.53	100	7.41	2.38	0.011	0.371	0.360	0.461	07/10/2017	13:16
18	I4071-07MS2Ins	1284	40	2.55	100	7.30	2.44	0.013	0.645	0.632	0.809	07/10/2017	13:17
19	I4071-07MS3Post	40	2	2.50	100	7.55	1.71	0.013	0.388	0.375	0.480	07/10/2017	13:17
20	I4074-01		1	2.51	100	7.41	2.06	0.045	0.046	0.001	0.001	07/10/2017	13:18
21	I4108-01		1	2.55	100	7.40	1.92	0.016	0.016	0.000	0.000	07/10/2017	13:18
22	I4108-04		1	2.54	100	7.60	2.44	0.014	0.014	0.000	0.000	07/10/2017	13:19
23	I4108-07		1	2.55	100	7.82	1.98	0.029	0.029	0.000	0.000	07/10/2017	13:19
24	I4119-01		1	2.50	100	7.47	2.00	0.012	0.013	0.001	0.001	07/10/2017	13:20
25	I4119-04		1	2.52	100	7.63	1.65	0.016	0.016	0.000	0.000	07/10/2017	13:20
26	I4119-07		1	2.54	100	7.34	2.07	0.013	0.013	0.000	0.000	07/10/2017	13:21
27	CCV3	0.5	1	100	100		1.59	0.000	0.393	0.393	0.503	07/10/2017	13:21
28	CCB3		1	100	100		2.17	0.000	0.000	0.000	0.000	07/10/2017	13:22
29	I4120-01		1	2.51	100	7.40	2.31	0.009	0.009	0.000	0.000	07/10/2017	13:22
30	CCV4	0.5	1	100	100		1.70	0.000	0.394	0.394	0.505	07/10/2017	13:23
31	CCB4		1	100	100		1.69	0.000	0.000	0.000	0.000	07/10/2017	13:23