

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100487

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71211
Calibration Std. hexchrome 0.05 ppm	WP71210
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71213
Calibratation STD Hexa Chrome 0.5 PPM	WP71212
calibration std. hexchrome 0.01 ppm	WP71208
calibration std. hexchrome 0 ppm	WP71207
Hexavalent Chromium ICV Std.	WP71214
Hexavalent Chromium CCV Std	WP71215
hexavalent chromium color reagent	WP71145
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71209

Intercept: 0.0001

Slope: 0.7724

Regression: 0.999982

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		1.80	0.000	0.000	0.000	01/25/2019	14:00
2	CAL2	0.01	1	100	100		2.40	0.000	0.007	0.007	01/25/2019	14:00
3	CAL3	0.025	1	100	100		2.15	0.000	0.017	0.017	01/25/2019	14:01
4	CAL4	0.05	1	100	100		1.76	0.000	0.039	0.039	01/25/2019	14:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.079	0.079	01/25/2019	14:02
6	CAL6	0.5	1	100	100		2.31	0.000	0.389	0.389	01/25/2019	14:02
7	CAL7	1	1	100	100		2.14	0.000	0.771	0.771	01/25/2019	14:03



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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		1.79	0.000	0.392	0.392	0.507	01/25/2019	14:03
2	ICB		1	100	100		1.83	0.000	0.000	0.000	0.000	01/25/2019	14:04
3	CCV1	0.5	1	100	100		2.15	0.000	0.392	0.392	0.507	01/25/2019	14:04
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	01/25/2019	14:05
5	PB116633BL		1	2.52	100	7.23	2.33	0.000	0.000	0.000	0.000	01/25/2019	14:05
6	PB116633BS	20	1	2.50	100	7.52	1.58	0.000	0.380	0.380	0.492	01/25/2019	14:06
7	K1015-13		1	2.51	100	7.66	1.95	0.027	0.027	0.000	0.000	01/25/2019	14:06
8	K1015-15		1	2.54	100	7.10	2.06	0.033	0.033	0.000	0.000	01/25/2019	14:07
9	K1228-01		1	2.50	100	7.33	2.34	0.029	0.029	0.000	0.000	01/25/2019	14:07
10	K1231-01		1	2.53	100	7.49	2.46	0.032	0.032	0.000	0.000	01/25/2019	14:08
11	K1233-01		1	2.55	100	7.77	1.95	0.008	0.008	0.000	0.000	01/25/2019	14:08
12	K1237-01		1	2.52	100	7.83	1.55	0.009	0.009	0.000	0.000	01/25/2019	14:09
13	K1237-01DUP		1	2.51	100	7.25	2.17	0.010	0.010	0.000	0.000	01/25/2019	14:09
14	K1237-01MSPre	40	2	2.53	100	7.10	2.24	0.012	0.370	0.358	0.463	01/25/2019	14:10
15	CCV2	0.5	1	100	100		1.76	0.000	0.392	0.392	0.507	01/25/2019	14:10
16	CCB2		1	100	100		1.92	0.000	0.000	0.000	0.000	01/25/2019	14:11
17	K1237-01MS2Ins	1284	40	2.54	100	7.69	2.17	0.008	0.607	0.599	0.775	01/25/2019	14:11
18	K1237-01MS3Post	40	2	2.50	100	7.06	2.30	0.013	0.372	0.359	0.465	01/25/2019	14:12
19	K1238-01		1	2.55	100	7.44	1.79	0.016	0.016	0.000	0.000	01/25/2019	14:12
20	K1238-11		1	2.51	100	7.60	1.84	0.007	0.007	0.000	0.000	01/25/2019	14:13
21	K1238-21		1	2.55	100	7.89	2.29	0.010	0.010	0.000	0.000	01/25/2019	14:13
22	K1238-31		1	2.50	100	7.22	2.35	0.011	0.011	0.000	0.000	01/25/2019	14:14
23	K1238-41		1	2.51	100	7.33	1.73	0.010	0.010	0.000	0.000	01/25/2019	14:14
24	CCV3	0.5	1	100	100		1.65	0.000	0.392	0.392	0.507	01/25/2019	14:15
25	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.000	01/25/2019	14:15