

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100345

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70955
Calibration Std. hexchrome 0.05 ppm	WP70954
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70827
Calibratation STD Hexa Chrome 0.5 PPM	WP70814
calibration std. hexchrome 0.01 ppm	WP70952
calibration std. hexchrome 0 ppm	WP70948
Hexavalent Chromium ICV Std.	WP70956
Hexavalent Chromium CCV Std	WP70957
hexavalent chromium color reagent	WP70932
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70953

Intercept: 0.0003

Slope: 0.7713

Regression: 0.999979

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		1.77	0.000	0.000	0.000	01/16/2019	11:00
2	CAL2	0.01	1	100	100		2.39	0.000	0.008	0.008	01/16/2019	11:00
3	CAL3	0.025	1	100	100		2.10	0.000	0.017	0.017	01/16/2019	11:01
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	01/16/2019	11:01
5	CAL5	0.1	1	100	100		1.83	0.000	0.079	0.079	01/16/2019	11:02
6	CAL6	0.5	1	100	100		2.15	0.000	0.389	0.389	01/16/2019	11:02
7	CAL7	1	1	100	100		2.28	0.000	0.770	0.770	01/16/2019	11:03



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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		2.10	0.000	0.392	0.392	0.508	01/16/2019	11:03
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.000	01/16/2019	11:04
3	CCV1	0.5	1	100	100		2.36	0.000	0.392	0.392	0.508	01/16/2019	12:05
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	0.000	01/16/2019	12:05
5	PB116425BL		1	2.50	100	7.55	1.75	0.000	0.000	0.000	0.000	01/16/2019	12:06
6	PB116425BS	20	1	2.51	100	7.12	2.23	0.000	0.368	0.368	0.477	01/16/2019	12:06
7	K1010-03		1	2.50	100	7.04	2.07	0.055	0.055	0.000	0.000	01/16/2019	12:07
8	K1010-05		1	2.55	100	7.63	1.94	0.041	0.041	0.000	0.000	01/16/2019	12:07
9	K1012-07		1	2.53	100	7.71	1.81	0.035	0.035	0.000	0.000	01/16/2019	12:07
10	K1012-09		1	2.51	100	7.28	1.93	0.030	0.030	0.000	0.000	01/16/2019	12:08
11	K1012-11		1	2.52	100	7.90	2.24	0.058	0.058	0.000	0.000	01/16/2019	12:08
12	K1139-01		1	2.54	100	7.44	2.18	0.017	0.017	0.000	0.000	01/16/2019	12:09
13	K1139-01DUP		1	2.56	100	7.36	1.75	0.016	0.016	0.000	0.000	01/16/2019	12:09
14	K1139-01MSPre	40	2	2.53	100	7.20	1.83	0.018	0.358	0.340	0.440	01/16/2019	12:10
15	CCV2	0.5	1	100	100		2.10	0.000	0.393	0.393	0.509	01/16/2019	12:10
16	CCB2		1	100	100		1.88	0.000	0.000	0.000	0.000	01/16/2019	12:11
17	K1139-01MS2Ins	1284	40	2.50	100	7.22	2.14	0.015	0.628	0.613	0.794	01/16/2019	12:11
18	K1139-01MS3Post	40	2	2.51	100	7.14	2.27	0.019	0.360	0.341	0.442	01/16/2019	12:12
19	K1139-03		1	2.55	100	7.31	1.76	0.024	0.024	0.000	0.000	01/16/2019	12:12
20	K1139-05		1	2.52	100	7.60	1.64	0.048	0.048	0.000	0.000	01/16/2019	12:13
21	K1139-07		1	2.54	100	7.51	2.31	0.051	0.051	0.000	0.000	01/16/2019	12:13
22	K1139-09		1	2.53	100	7.63	2.33	0.019	0.019	0.000	0.000	01/16/2019	12:14
23	K1139-11		1	2.51	100	7.88	2.17	0.032	0.032	0.000	0.000	01/16/2019	12:14
24	K1139-13		1	2.50	100	7.28	1.88	0.011	0.011	0.000	0.000	01/16/2019	12:15
25	K1139-15		1	2.52	100	7.31	1.63	0.036	0.036	0.000	0.000	01/16/2019	12:15
26	K1139-17		1	2.53	100	7.11	2.14	0.016	0.016	0.000	0.000	01/16/2019	12:16
27	CCV3	0.5	1	100	100		2.26	0.000	0.393	0.393	0.509	01/16/2019	12:16
28	CCB3		1	100	100		1.85	0.000	0.000	0.000	0.000	01/16/2019	12:17