

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100401

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71035
Calibration Std. hexchrome 0.05 ppm	WP71034
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71037
Calibratation STD Hexa Chrome 0.5 PPM	WP71036
calibration std. hexchrome 0.01 ppm	WP71032
calibration std. hexchrome 0 ppm	WP71031
Hexavalent Chromium ICV Std.	WP71038
Hexavalent Chromium CCV Std	WP71039
hexavalent chromium color reagent	WP70932
HNO3 Hex-Chrome, 5M	WP70045

Intercept: -0

Slope: 0.7716

Regression: 0.999996

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		1.85	0.000	0.000	0.000	01/18/2019	15:00
2	CAL2	0.01	1	100	100		2.33	0.000	0.008	0.008	01/18/2019	15:00
3	CAL3	0.025	1	100	100		2.25	0.000	0.018	0.018	01/18/2019	15:01
4	CAL4	0.05	1	100	100		2.46	0.000	0.039	0.039	01/18/2019	15:01
5	CAL5	0.1	1	100	100		1.77	0.000	0.077	0.077	01/18/2019	15:02
6	CAL6	0.5	1	100	100		1.58	0.000	0.387	0.387	01/18/2019	15:02
7	CAL7	1	1	100	100		1.94	0.000	0.771	0.771	01/18/2019	15:03



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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		1.66	0.000	0.391	0.391	0.507	01/18/2019	15:03
2	ICB		1	100	100		1.73	0.000	0.000	0.000	0.000	01/18/2019	15:04
3	CCV1	0.5	1	100	100		2.14	0.000	0.391	0.391	0.507	01/18/2019	15:04
4	CCB1		1	100	100		2.45	0.000	0.000	0.000	0.000	01/18/2019	15:05
5	PB116500BL		1	2.55	100	7.13	1.79	0.000	0.000	0.000	0.000	01/18/2019	15:05
6	PB116500BS	20	1	2.54	100	7.25	1.60	0.000	0.380	0.380	0.492	01/18/2019	15:06
7	K1153-01		1	2.51	100	7.60	2.08	0.017	0.017	0.000	0.000	01/18/2019	15:06
8	K1167-01		1	2.50	100	7.10	2.34	0.015	0.015	0.000	0.000	01/18/2019	15:07
9	K1167-01DUP		1	2.53	100	7.45	1.69	0.014	0.014	0.000	0.000	01/18/2019	15:07
10	K1167-01MSPre	40	2	2.55	100	7.86	1.92	0.016	0.371	0.355	0.460	01/18/2019	15:08
11	K1167-01MS2Ins	1284	40	2.54	100	7.10	1.57	0.012	0.624	0.612	0.793	01/18/2019	15:08
12	K1167-01MS3Post	40	2	2.53	100	7.03	1.82	0.018	0.375	0.357	0.463	01/18/2019	15:09
13	K1167-03		1	2.54	100	7.44	2.22	0.035	0.035	0.000	0.000	01/18/2019	15:09
14	K1167-05		1	2.55	100	7.39	2.33	0.023	0.023	0.000	0.000	01/18/2019	15:10
15	CCV2	0.5	1	100	100		2.47	0.000	0.392	0.392	0.508	01/18/2019	15:10
16	CCB2		1	100	100		1.64	0.000	0.000	0.000	0.000	01/18/2019	15:11
17	K1167-07		1	2.52	100	7.46	1.57	0.026	0.026	0.000	0.000	01/18/2019	15:11
18	K1167-09		1	2.50	100	7.52	1.95	0.029	0.029	0.000	0.000	01/18/2019	15:12
19	K1167-11		1	2.51	100	7.39	1.60	0.032	0.032	0.000	0.000	01/18/2019	15:12
20	PB116503BL		1	2.53	100	7.11	2.20	0.000	0.000	0.000	0.000	01/18/2019	15:13
21	PB116503BS	20	1	2.50	100	7.69	2.31	0.000	0.376	0.376	0.487	01/18/2019	15:13
22	K1011-05		1	2.52	100	7.44	1.98	0.011	0.011	0.000	0.000	01/18/2019	15:14
23	K1011-07		1	2.55	100	7.32	1.64	0.013	0.013	0.000	0.000	01/18/2019	15:14
24	K1015-09		1	2.51	100	7.10	2.21	0.022	0.022	0.000	0.000	01/18/2019	15:15
25	K1015-11		1	2.53	100	7.06	2.17	0.016	0.016	0.000	0.000	01/18/2019	15:15
26	K1173-01		1	2.54	100	7.88	1.84	0.009	0.011	0.002	0.003	01/18/2019	15:16
27	CCV3	0.5	1	100	100		2.31	0.000	0.392	0.392	0.508	01/18/2019	15:16
28	CCB3		1	100	100		1.74	0.000	0.000	0.000	0.000	01/18/2019	15:17
29	K1173-03		1	2.50	100	7.71	2.16	0.008	0.009	0.001	0.001	01/18/2019	15:17
30	K1173-05		1	2.51	100	7.08	1.76	0.013	0.013	0.000	0.000	01/18/2019	15:18
31	K1173-05DUP		1	2.52	100	7.03	2.08	0.014	0.014	0.000	0.000	01/18/2019	15:18
32	K1173-05MSPre	40	2	2.54	100	7.22	1.97	0.014	0.359	0.345	0.447	01/18/2019	15:19
33	K1173-05MS2Ins	1284	40	2.52	100	7.30	1.88	0.011	0.633	0.622	0.806	01/18/2019	15:19
34	K1173-05MS3Post	40	2	2.55	100	7.40	2.07	0.016	0.365	0.349	0.452	01/18/2019	15:20
35	K1173-07		1	2.50	100	7.55	2.03	0.014	0.017	0.003	0.004	01/18/2019	15:20
36	K1180-01		1	2.51	100	7.48	2.13	0.007	0.007	0.000	0.000	01/18/2019	15:21
37	K1189-01		1	2.55	100	7.60	1.63	0.016	0.016	0.000	0.000	01/18/2019	15:21
38	K1189-03		1	2.54	100	7.52	1.90	0.012	0.016	0.004	0.005	01/18/2019	15:22
39	CCV4	0.5	1	100	100		1.73	0.000	0.392	0.392	0.508	01/18/2019	15:22
40	CCB4		1	100	100		2.44	0.000	0.000	0.000	0.000	01/18/2019	15:23