

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100198

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70727
Calibration Std. hexchrome 0.05 ppm	WP70726
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70729
Calibratation STD Hexa Chrome 0.5 PPM	WP70728
calibration std. hexchrome 0.01 ppm	WP70724
calibration std. hexchrome 0 ppm	WP70723
Hexavalent Chromium ICV Std.	WP70730
Hexavalent Chromium CCV Std	WP70732
hexavalent chromium color reagent	WP70661
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70725

Intercept: 0.0006

Slope: 0.7713

Regression: 0.999977

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		2.10	0.000	0.000	0.000	01/07/2019	14:00
2	CAL2	0.01	1	100	100		2.25	0.000	0.008	0.008	01/07/2019	14:00
3	CAL3	0.025	1	100	100		2.31	0.000	0.018	0.018	01/07/2019	14:01
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	01/07/2019	14:01
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	01/07/2019	14:02
6	CAL6	0.5	1	100	100		1.83	0.000	0.390	0.390	01/07/2019	14:02
7	CAL7	1	1	100	100		1.59	0.000	0.770	0.770	01/07/2019	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		2.20	0.000	0.392	0.392	0.507	01/07/2019	14:03
2	ICB		1	100	100		1.72	0.000	0.000	0.000	-0.001	01/07/2019	14:04
3	CCV1	0.5	1	100	100		2.35	0.000	0.392	0.392	0.507	01/07/2019	14:04
4	CCB1		1	100	100		2.18	0.000	0.000	0.000	-0.001	01/07/2019	14:05
5	PB116205BL		1	2.50	100	7.66	1.90	0.000	0.000	0.000	-0.001	01/07/2019	14:05
6	PB116205BS	20	1	2.51	100	7.30	2.06	0.000	0.363	0.363	0.470	01/07/2019	14:06
7	K1019-01		1	2.50	100	7.42	2.33	0.021	0.021	0.000	-0.001	01/07/2019	14:06
8	K1019-03		1	2.55	100	7.36	1.98	0.013	0.013	0.000	-0.001	01/07/2019	14:07
9	K1019-05		1	2.51	100	7.55	1.60	0.034	0.034	0.000	-0.001	01/07/2019	14:07
10	K1019-07		1	2.52	100	7.12	2.09	0.038	0.038	0.000	-0.001	01/07/2019	14:08
11	K1040-01		1	2.51	100	7.64	2.33	0.015	0.015	0.000	-0.001	01/07/2019	14:08
12	K1040-01DUP		1	2.53	100	7.22	1.75	0.014	0.014	0.000	-0.001	01/07/2019	14:09
13	K1040-01MSPre	40	2	2.50	100	7.08	1.84	0.016	0.357	0.341	0.441	01/07/2019	14:09
14	K1040-01MS2Ins	1284	40	2.54	100	7.36	1.95	0.012	0.613	0.601	0.778	01/07/2019	14:10
15	CCV2	0.5	1	100	100		1.74	0.000	0.393	0.393	0.509	01/07/2019	14:10
16	CCB2		1	100	100		1.69	0.000	0.000	0.000	-0.001	01/07/2019	14:11
17	K1040-01MS3Post	40	2	2.52	100	7.40	2.15	0.017	0.362	0.345	0.447	01/07/2019	14:11
18	K1041-01		1	2.53	100	7.82	2.22	0.009	0.009	0.000	-0.001	01/07/2019	14:12
19	PB116217BL		1	2.54	100	7.39	1.99	0.000	0.000	0.000	-0.001	01/07/2019	14:12
20	PB116217BS	20	1	2.50	100	7.42	1.84	0.000	0.370	0.370	0.479	01/07/2019	14:13
21	K1010-01		1	2.51	100	7.21	2.36	0.016	0.016	0.000	-0.001	01/07/2019	14:13
22	K1012-01		1	2.55	100	7.30	2.12	0.013	0.013	0.000	-0.001	01/07/2019	14:14
23	K1012-01DUP		1	2.53	100	7.28	2.05	0.012	0.012	0.000	-0.001	01/07/2019	14:14
24	K1012-01MSPre	40	2	2.51	100	7.32	2.44	0.013	0.360	0.347	0.449	01/07/2019	14:15
25	K1012-01MS2Ins	1284	40	2.55	100	7.20	2.10	0.010	0.602	0.592	0.767	01/07/2019	14:15
26	K1012-01MS3Post	40	2	2.50	100	7.06	2.09	0.015	0.366	0.351	0.454	01/07/2019	14:16
27	CCV3	0.5	1	100	100		1.77	0.000	0.393	0.393	0.509	01/07/2019	14:16
28	CCB3		1	100	100		1.58	0.000	0.000	0.000	-0.001	01/07/2019	14:17
29	K1012-03		1	2.54	100	7.12	1.73	0.009	0.009	0.000	-0.001	01/07/2019	14:17
30	K1012-05		1	2.55	100	7.16	2.15	0.010	0.010	0.000	-0.001	01/07/2019	14:18
31	K1058-01		1	2.51	100	7.03	2.24	0.056	0.056	0.000	-0.001	01/07/2019	14:18
32	K1064-01		1	2.52	100	7.22	1.66	0.023	0.023	0.000	-0.001	01/07/2019	14:19
33	K1066-01		1	2.51	100	7.31	1.79	0.018	0.018	0.000	-0.001	01/07/2019	14:19
34	CCV4	0.5	1	100	100		2.31	0.000	0.393	0.393	0.509	01/07/2019	14:20
35	CCB4		1	100	100		2.19	0.000	0.000	0.000	-0.001	01/07/2019	14:20