

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101753

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73155
Calibratation STD Hexa Chrome 0.5 PPM	WP73154
Calibration Std. hexchrome 0.1 ppm	WP73153
Calibration Std. hexchrome 0.05 ppm	WP73152
calibration std. hexchrome 0.01 ppm	WP73149
calibration std. hexchrome 0 ppm	WP73148
Hexavalent Chromium ICV Std.	WP73156
Hexavalent Chromium CCV Std	WP73157
hexavalent chromium color reagent	WP73085
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73151
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0004

Slope: 0.7717

Regression: 0.999986

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		2.30	0.000	0.000	0.000	03/29/2019	14:40
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	03/29/2019	14:40
3	CAL3	0.025	1	100	100		1.96	0.000	0.018	0.018	03/29/2019	14:41
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	03/29/2019	14:41
5	CAL5	0.1	1	100	100		2.24	0.000	0.080	0.080	03/29/2019	14:42
6	CAL6	0.5	1	100	100		2.36	0.000	0.388	0.388	03/29/2019	14:42
7	CAL7	1	1	100	100		1.82	0.000	0.771	0.771	03/29/2019	14:43



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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		1.70	0.000	0.390	0.390	0.505	03/29/2019	14:43
2	ICB		1	100	100		2.20	0.000	0.000	0.000	-0.001	03/29/2019	14:44
3	CCV1	0.5	1	100	100		2.06	0.000	0.390	0.390	0.505	03/29/2019	14:44
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	-0.001	03/29/2019	14:45
5	PB118425BL		1	2.50	100	7.22	1.98	0.000	0.000	0.000	-0.001	03/29/2019	14:45
6	PB118425BS	20	1	2.52	100	7.51	1.57	0.000	0.392	0.392	0.507	03/29/2019	14:46
7	K1685-09		1	2.50	100	7.12	1.82	0.012	0.012	0.000	-0.001	03/29/2019	14:46
8	K1685-11		1	2.51	100	7.64	2.23	0.014	0.014	0.000	-0.001	03/29/2019	14:47
9	K1685-13		1	2.55	100	7.77	2.08	0.010	0.010	0.000	-0.001	03/29/2019	14:47
10	K1698-03		1	2.53	100	7.83	1.86	0.007	0.007	0.000	-0.001	03/29/2019	14:48
11	K2125-03		1	2.54	100	7.91	2.42	0.005	0.005	0.000	-0.001	03/29/2019	14:48
12	K2138-01		1	2.55	100	7.44	2.31	0.007	0.007	0.000	-0.001	03/29/2019	14:49
13	K2138-03		1	2.50	100	7.36	1.77	0.009	0.009	0.000	-0.001	03/29/2019	14:49
14	K2138-05		1	2.51	100	7.11	1.61	0.004	0.004	0.000	-0.001	03/29/2019	14:50
15	CCV2	0.5	1	100	100		2.25	0.000	0.392	0.392	0.507	03/29/2019	14:50
16	CCB2		1	100	100		2.32	0.000	0.000	0.000	-0.001	03/29/2019	14:51
17	K2138-07		1	2.53	100	7.52	1.96	0.007	0.007	0.000	-0.001	03/29/2019	14:51
18	K2138-09		1	2.54	100	7.49	2.04	0.003	0.003	0.000	-0.001	03/29/2019	14:52
19	K2138-09DUP		1	2.52	100	7.36	2.44	0.005	0.005	0.000	-0.001	03/29/2019	14:52
20	K2138-09MSPre	40	2	2.51	100	7.62	2.30	0.006	0.363	0.357	0.462	03/29/2019	14:53
21	K2138-09MS2Ins	1284	40	2.53	100	7.84	1.72	0.005	0.587	0.582	0.754	03/29/2019	14:53
22	K2138-09MS3Post	40	2	2.50	100	7.92	1.81	0.006	0.369	0.363	0.470	03/29/2019	14:54
23	K2139-01		1	2.52	100	7.05	1.95	0.010	0.010	0.000	-0.001	03/29/2019	14:54
24	K2139-03		1	2.53	100	7.10	2.16	0.008	0.008	0.000	-0.001	03/29/2019	14:55
25	K2153-21		1	2.54	100	7.18	2.10	0.016	0.016	0.000	-0.001	03/29/2019	14:55
26	K2153-25		1	2.51	100	7.24	1.73	0.019	0.019	0.000	-0.001	03/29/2019	14:56
27	CCV3	0.5	1	100	100		1.52	0.000	0.392	0.392	0.507	03/29/2019	14:56
28	CCB3		1	100	100		2.06	0.000	0.000	0.000	-0.001	03/29/2019	14:57