

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97816

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67687
Calibration Std. hexchrome 0.05 ppm	WP67686
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67690
Calibratation STD Hexa Chrome 0.5 PPM	WP67689
calibration std. hexchrome 0.01 ppm	WP67684
calibration std. hexchrome 0 ppm	WP67683
Hexavalent Chromium ICV Std.	WP67688
Hexavalent Chromium CCV Std	WP67692
hexavalent chromium color reagent	WP67600
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67685

Intercept: -0.0001

Slope: 0.7714

Regression: 0.999984

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		2.14	0.000	0.000	0.000	09/10/2018	13:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	09/10/2018	13:00
3	CAL3	0.025	1	100	100		1.71	0.000	0.017	0.017	09/10/2018	13:01
4	CAL4	0.05	1	100	100		2.33	0.000	0.038	0.038	09/10/2018	13:01
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	09/10/2018	13:02
6	CAL6	0.5	1	100	100		2.45	0.000	0.388	0.388	09/10/2018	13:02
7	CAL7	1	1	100	100		2.17	0.000	0.770	0.770	09/10/2018	13:03



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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		1.91	0.000	0.390	0.390	0.506	09/10/2018	13:03
2	ICB		1	100	100		2.38	0.000	0.000	0.000	0.000	09/10/2018	13:04
3	CCV1	0.5	1	100	100		2.45	0.000	0.390	0.390	0.506	09/10/2018	13:04
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	09/10/2018	13:05
5	PB112740BL		1	2.51	100	7.03	1.78	0.000	0.000	0.000	0.000	09/10/2018	13:05
6	PB112740BS	20	1	2.55	100	7.16	1.52	0.000	0.380	0.380	0.493	09/10/2018	13:06
7	J4769-01		1	2.54	100	7.77	1.97	0.019	0.019	0.000	0.000	09/10/2018	13:06
8	J4769-03		1	2.52	100	7.51	2.03	0.021	0.021	0.000	0.000	09/10/2018	13:07
9	J4769-05		1	2.50	100	7.80	1.82	0.015	0.015	0.000	0.000	09/10/2018	13:07
10	J4776-01		1	2.51	100	7.93	1.69	0.024	0.024	0.000	0.000	09/10/2018	13:08
11	J4776-03		1	2.52	100	7.44	2.21	0.029	0.029	0.000	0.000	09/10/2018	13:08
12	J4777-01		1	2.50	100	7.20	2.17	0.009	0.009	0.000	0.000	09/10/2018	13:09
13	J4777-01DUP		1	2.53	100	7.55	1.55	0.010	0.010	0.000	0.000	09/10/2018	13:09
14	J4777-01MSPre	40	2	2.54	100	7.36	2.30	0.015	0.360	0.345	0.447	09/10/2018	13:10
15	CCV2	0.5	1	100	100		1.79	0.000	0.391	0.391	0.507	09/10/2018	13:10
16	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.000	09/10/2018	13:11
17	J4777-01MS2Ins	1284	40	2.54	100	7.18	2.31	0.007	0.584	0.577	0.748	09/10/2018	13:11
18	J4777-01MS3Post	40	2	2.54	100	7.24	2.44	0.016	0.365	0.349	0.453	09/10/2018	13:12
19	J4777-03		1	2.54	100	7.69	1.64	0.033	0.033	0.000	0.000	09/10/2018	13:12
20	J4777-05		1	2.52	100	7.11	2.11	0.030	0.030	0.000	0.000	09/10/2018	13:13
21	J4777-07		1	2.55	100	7.39	2.15	0.008	0.019	0.011	0.014	09/10/2018	13:13
22	J4777-09		1	2.50	100	7.10	2.36	0.018	0.018	0.000	0.000	09/10/2018	13:14
23	PB112741BL		1	2.55	100	7.88	1.57	0.000	0.000	0.000	0.000	09/10/2018	13:14
24	PB112741BS	20	1	2.52	100	7.13	1.63	0.000	0.385	0.385	0.499	09/10/2018	13:15
25	J4821-05		1	2.53	100	7.49	2.39	0.020	0.020	0.000	0.000	09/10/2018	13:15
26	J4821-06		1	2.55	100	7.10	1.88	0.017	0.017	0.000	0.000	09/10/2018	13:16
27	CCV3	0.5	1	100	100		1.95	0.000	0.391	0.391	0.507	09/10/2018	13:16
28	CCB3		1	100	100		2.27	0.000	0.000	0.000	0.000	09/10/2018	13:17
29	J4829-01		1	2.54	100	7.11	2.34	0.009	0.009	0.000	0.000	09/10/2018	13:17
30	J4829-05		1	2.52	100	7.46	1.80	0.012	0.012	0.000	0.000	09/10/2018	13:18
31	J4836-01		1	2.50	100	7.89	1.94	0.010	0.010	0.000	0.000	09/10/2018	13:18
32	J4836-01DUP		1	2.51	100	7.72	2.06	0.009	0.009	0.000	0.000	09/10/2018	13:19
33	J4836-01MSPre	40	2	2.52	100	7.43	2.48	0.011	0.370	0.359	0.466	09/10/2018	13:19
34	J4836-01MS2Ins	1284	40	2.52	100	7.36	2.10	0.009	0.603	0.594	0.770	09/10/2018	13:20
35	J4836-01MS3Post	40	2	2.52	100	7.18	1.77	0.012	0.373	0.361	0.468	09/10/2018	13:20
36	J4836-03		1	2.50	100	7.93	1.62	0.015	0.015	0.000	0.000	09/10/2018	13:21
37	CCV4	0.5	1	100	100		2.08	0.000	0.391	0.391	0.507	09/10/2018	13:21
38	CCB4		1	100	100		1.73	0.000	0.000	0.000	0.000	09/10/2018	13:22