

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99884

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70309
Calibration Std. hexchrome 0.05 ppm	WP70308
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70312
Calibratation STD Hexa Chrome 0.5 PPM	WP70311
calibration std. hexchrome 0.01 ppm	WP70307
calibration std. hexchrome 0 ppm	WP70306
Hexavalent Chromium ICV Std.	WP70314
Hexavalent Chromium CCV Std	WP70313
hexavalent chromium color reagent	WP70176
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70310

Intercept: 0.0004

Slope: 0.7717

Regression: 0.999968

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		2.06	0.000	0.000	0.000	12/16/2018	15:00
2	CAL2	0.01	1	100	100		1.95	0.000	0.007	0.007	12/16/2018	15:00
3	CAL3	0.025	1	100	100		1.83	0.000	0.017	0.017	12/16/2018	15:01
4	CAL4	0.05	1	100	100		2.29	0.000	0.039	0.039	12/16/2018	15:01
5	CAL5	0.1	1	100	100		2.45	0.000	0.080	0.080	12/16/2018	15:02
6	CAL6	0.5	1	100	100		1.77	0.000	0.390	0.390	12/16/2018	15:02
7	CAL7	1	1	100	100		2.22	0.000	0.770	0.770	12/16/2018	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		1.82	0.000	0.391	0.391	0.506	12/16/2018	15:03
2	ICB		1	100	100		2.28	0.000	0.000	0.000	-0.001	12/16/2018	15:04
3	CCV1	0.5	1	100	100		1.88	0.000	0.391	0.391	0.506	12/16/2018	15:04
4	CCB1		1	100	100		1.73	0.000	0.000	0.000	-0.001	12/16/2018	15:05
5	PB115745BL		1	2.50	100	7.05	2.30	0.000	0.000	0.000	-0.001	12/16/2018	15:05
6	PB115745BS	20	1	2.52	100	7.13	1.56	0.000	0.382	0.382	0.494	12/16/2018	15:06
7	J6371-02		1	2.50	100	7.88	1.62	0.011	0.011	0.000	-0.001	12/16/2018	15:06
8	J6371-03		1	2.55	100	7.55	1.77	0.006	0.006	0.000	-0.001	12/16/2018	15:07
9	J6371-04		1	2.52	100	7.10	2.04	0.009	0.018	0.009	0.011	12/16/2018	15:07
10	J6371-05		1	2.56	100	7.66	2.30	0.003	0.003	0.000	-0.001	12/16/2018	15:08
11	J6397-01		1	2.51	100	7.51	1.68	0.005	0.005	0.000	-0.001	12/16/2018	15:08
12	J6397-02		1	2.50	100	7.90	1.92	0.007	0.007	0.000	-0.001	12/16/2018	15:09
13	J6397-02DUP		1	2.54	100	7.88	2.37	0.008	0.008	0.000	-0.001	12/16/2018	15:09
14	J6397-02MSPre	40	2	2.50	100	7.53	2.37	0.008	0.371	0.363	0.470	12/16/2018	15:10
15	CCV2	0.5	1	100	100		1.86	0.000	0.391	0.391	0.506	12/16/2018	15:10
16	CCB2		1	100	100		1.77	0.000	0.000	0.000	-0.001	12/16/2018	15:11
17	J6397-02MS2Ins	1284	40	2.53	100	7.14	2.48	0.006	0.599	0.593	0.768	12/16/2018	15:11
18	J6397-02MS3Post	40	2	2.51	100	7.63	1.72	0.009	0.376	0.367	0.475	12/16/2018	15:12
19	J6397-03		1	2.50	100	7.33	1.86	0.006	0.028	0.022	0.028	12/16/2018	15:12
20	J6397-04		1	2.52	100	7.52	1.91	0.007	0.018	0.011	0.014	12/16/2018	15:13
21	J6397-05		1	2.54	100	7.60	2.08	0.012	0.013	0.001	0.001	12/16/2018	15:13
22	PB115746BL		1	2.50	100	7.10	2.23	0.000	0.000	0.000	-0.001	12/16/2018	15:14
23	PB115746BS	20	1	2.51	100	7.05	1.69	0.000	0.378	0.378	0.489	12/16/2018	15:14
24	J6357-01		1	2.51	100	7.04	1.87	0.006	0.007	0.001	0.001	12/16/2018	15:15
25	J6357-02	40	2	2.53	100	7.76	2.36	0.007	0.359	0.352	0.456	12/16/2018	15:15
26	J6357-03	40	2	2.50	100	7.76	2.36	0.007	0.359	0.352	0.456	12/16/2018	15:16
27	CCV3	0.5	1	100	100		2.45	0.000	0.392	0.392	0.507	12/16/2018	15:16
28	CCB3		1	100	100		1.92	0.000	0.000	0.000	-0.001	12/16/2018	15:17
29	J6357-04		1	2.51	100	7.10	1.67	0.030	0.030	0.000	-0.001	12/16/2018	15:17
30	J6357-05		1	2.55	100	7.82	1.84	0.027	0.027	0.000	-0.001	12/16/2018	15:18
31	J6357-06		1	2.50	100	7.60	1.77	0.013	0.013	0.000	-0.001	12/16/2018	15:18
32	J6357-07		1	2.53	100	7.22	1.62	0.021	0.021	0.000	-0.001	12/16/2018	15:19
33	J6357-08		1	2.50	100	7.12	2.30	0.057	0.057	0.000	-0.001	12/16/2018	15:19
34	J6357-09		1	2.54	100	7.82	1.69	0.038	0.038	0.000	-0.001	12/16/2018	15:20
35	J6357-10		1	2.50	100	7.69	2.47	0.010	0.010	0.000	-0.001	12/16/2018	15:20
36	J6357-10DUP		1	2.51	100	7.41	2.20	0.009	0.009	0.000	-0.001	12/16/2018	15:21
37	J6357-10MSPre	40	2	2.55	100	7.36	1.86	0.009	0.360	0.351	0.454	12/16/2018	15:21
38	J6357-10MS2Ins	1284	40	2.52	100	7.22	1.74	0.007	0.608	0.601	0.778	12/16/2018	15:22
39	CCV4	0.5	1	100	100		1.98	0.000	0.392	0.392	0.507	12/16/2018	15:22
40	CCB4		1	100	100		1.65	0.000	0.000	0.000	-0.001	12/16/2018	15:23
41	J6357-10MS3Post	40	2	2.54	100	7.44	2.17	0.012	0.369	0.357	0.462	12/16/2018	15:23
42	CCV5	0.5	1	100	100		2.27	0.000	0.392	0.392	0.507	12/16/2018	15:24

43	CCB5		1	100	100		1.69	0.000	0.000	0.000	-0.001	12/16/2018	15:24
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