

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98377

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68368
Calibration Std. hexchrome 0.05 ppm	WP68367
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68370
Calibratation STD Hexa Chrome 0.5 PPM	WP68369
calibration std. hexchrome 0.01 ppm	WP68361
calibration std. hexchrome 0 ppm	WP68359
Hexavalent Chromium ICV Std.	WP68371
Hexavalent Chromium CCV Std	WP68372
hexavalent chromium color reagent	WP68245
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68363

Intercept: 0.0002

Slope: 0.7717

Regression: 0.999975

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		1.89	0.000	0.000	0.000	10/04/2018	13:30
2	CAL2	0.01	1	100	100		1.62	0.000	0.008	0.008	10/04/2018	13:30
3	CAL3	0.025	1	100	100		2.21	0.000	0.017	0.017	10/04/2018	13:31
4	CAL4	0.05	1	100	100		1.74	0.000	0.039	0.039	10/04/2018	13:31
5	CAL5	0.1	1	100	100		2.32	0.000	0.078	0.078	10/04/2018	13:32
6	CAL6	0.5	1	100	100		1.58	0.000	0.390	0.390	10/04/2018	13:32
7	CAL7	1	1	100	100		2.25	0.000	0.770	0.770	10/04/2018	13:33



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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		2.22	0.000	0.390	0.390	0.506	10/04/2018	13:33
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	10/04/2018	13:34
3	CCV1	0.5	1	100	100		1.78	0.000	0.390	0.390	0.506	10/04/2018	13:34
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	10/04/2018	13:35
5	PB113516BL		1	2.55	100	7.13	2.33	0.000	0.000	0.000	0.000	10/04/2018	13:35
6	PB113516BS	20	1	2.54	100	7.02	2.10	0.009	0.370	0.361	0.468	10/04/2018	13:36
7	J5192-01		1	2.50	100	7.66	1.83	0.020	0.026	0.006	0.008	10/04/2018	13:36
8	J5192-03		1	2.52	100	7.14	2.17	0.013	0.024	0.011	0.014	10/04/2018	13:37
9	J5194-01		1	2.51	100	7.69	1.88	0.014	0.014	0.000	0.000	10/04/2018	13:37
10	J5194-03		1	2.54	100	7.33	1.64	0.018	0.018	0.000	0.000	10/04/2018	13:38
11	J5194-05		1	2.50	100	7.49	2.08	0.085	0.085	0.000	0.000	10/04/2018	13:38
12	J5198-01		1	2.52	100	7.28	2.21	0.067	0.067	0.000	0.000	10/04/2018	13:39
13	J5198-03		1	2.53	100	7.10	1.69	0.050	0.050	0.000	0.000	10/04/2018	13:39
14	J5198-05		1	2.50	100	7.48	1.70	0.048	0.048	0.000	0.000	10/04/2018	13:40
15	CCV2	0.5	1	100	100		2.33	0.000	0.391	0.391	0.507	10/04/2018	13:40
16	CCB2		1	100	100		1.95	0.000	0.000	0.000	0.000	10/04/2018	13:41
17	J5198-07		1	2.54	100	7.77	1.82	0.038	0.038	0.000	0.000	10/04/2018	13:41
18	J5198-09		1	2.54	100	7.96	2.08	0.061	0.061	0.000	0.000	10/04/2018	13:42
19	J5212-01		1	2.55	100	7.69	2.37	0.008	0.008	0.000	0.000	10/04/2018	13:42
20	J5212-01DUP		1	2.51	100	7.44	1.96	0.007	0.007	0.000	0.000	10/04/2018	13:43
21	J5212-01MSPre	40	2	2.54	100	7.39	2.06	0.008	0.348	0.340	0.441	10/04/2018	13:43
22	J5212-01MS2Ins	1284	40	2.54	100	7.10	2.35	0.006	0.579	0.573	0.743	10/04/2018	13:44
23	J5212-01MS3Post	40	2	2.54	100	7.24	1.77	0.009	0.355	0.346	0.449	10/04/2018	13:44
24	J5212-05		1	2.51	100	7.55	2.20	0.011	0.011	0.000	0.000	10/04/2018	13:45
25	PB113517BL		1	2.50	100	7.61	2.44	0.000	0.000	0.000	0.000	10/04/2018	13:45
26	PB113517BS	20	1	2.55	100	7.30	1.69	0.000	0.380	0.380	0.493	10/04/2018	13:46
27	CCV3	0.5	1	100	100		1.73	0.000	0.391	0.391	0.507	10/04/2018	13:46
28	CCB3		1	100	100		1.80	0.000	0.000	0.000	0.000	10/04/2018	13:47
29	J5199-01		1	2.51	100	7.41	2.14	0.023	0.023	0.000	0.000	10/04/2018	13:47
30	J5204-01		1	2.55	100	7.88	2.35	0.028	0.028	0.000	0.000	10/04/2018	13:48
31	J5204-03		1	2.54	100	7.20	1.66	0.015	0.015	0.000	0.000	10/04/2018	13:48
32	J5218-01		1	2.50	100	7.46	1.98	0.007	0.007	0.000	0.000	10/04/2018	13:49
33	J5218-03		1	2.51	100	7.05	2.06	0.005	0.005	0.000	0.000	10/04/2018	13:49
34	J5218-05		1	2.52	100	7.11	2.28	0.020	0.020	0.000	0.000	10/04/2018	13:50
35	J5219-01		1	2.53	100	7.18	1.74	0.023	0.023	0.000	0.000	10/04/2018	13:50
36	J5222-01		1	2.54	100	7.24	2.33	0.022	0.022	0.000	0.000	10/04/2018	13:51
37	J5238-01		1	2.50	100	7.69	2.10	0.314	0.314	0.000	0.000	10/04/2018	13:51
38	J5242-01		1	2.53	100	7.10	1.94	0.010	0.010	0.000	0.000	10/04/2018	13:52
39	CCV4	0.5	1	100	100		1.80	0.000	0.391	0.391	0.506	10/04/2018	13:52
40	CCB4		1	100	100		2.27	0.000	0.000	0.000	0.000	10/04/2018	13:53
41	J5242-01DUP		1	2.55	100	7.66	1.88	0.011	0.011	0.000	0.000	10/04/2018	13:53
42	J5242-01MSPre	40	2	2.51	100	7.17	1.98	0.011	0.368	0.357	0.463	10/04/2018	13:54

43	J5242-01MS2Ins	1284	40	2.51	100	7.69	2.17	0.009	0.610	0.601	0.779	10/04/2018	13:54
44	J5242-01MS3Post	40	2	2.51	100	7.91	2.17	0.013	0.360	0.347	0.450	10/04/2018	13:55
45	CCV5	0.5	1	100	100		2.08	0.000	0.392	0.392	0.508	10/04/2018	13:55
46	CCB5		1	100	100		1.78	0.000	0.000	0.000	0.000	10/04/2018	13:56