

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98955

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69208
Calibration Std. hexchrome 0.05 ppm	WP69207
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69210
Calibratation STD Hexa Chrome 0.5 PPM	WP69209
calibration std. hexchrome 0.01 ppm	WP69205
calibration std. hexchrome 0 ppm	WP69204
Hexavalent Chromium ICV Std.	WP69211
Hexavalent Chromium CCV Std	WP69212
hexavalent chromium color reagent	WP69159
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69206

Intercept: 0.0001

Slope: 0.7711

Regression: 0.99999

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		2.20	0.000	0.000	0.000	10/31/2018	14:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	10/31/2018	14:00
3	CAL3	0.025	1	100	100		1.95	0.000	0.018	0.018	10/31/2018	14:01
4	CAL4	0.05	1	100	100		2.35	0.000	0.039	0.039	10/31/2018	14:01
5	CAL5	0.1	1	100	100		1.74	0.000	0.078	0.078	10/31/2018	14:02
6	CAL6	0.5	1	100	100		1.69	0.000	0.388	0.388	10/31/2018	14:02
7	CAL7	1	1	100	100		2.27	0.000	0.770	0.770	10/31/2018	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		1.64	0.000	0.390	0.390	0.506	10/31/2018	14:03
2	ICB		1	100	100		2.17	0.000	0.000	0.000	0.000	10/31/2018	14:04
3	CCV1	0.5	1	100	100		2.30	0.000	0.390	0.390	0.506	10/31/2018	14:04
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	10/31/2018	14:05
5	PB114357BL		1	2.50	100	7.55	1.55	0.000	0.000	0.000	0.000	10/31/2018	14:05
6	PB114357BS	20	1	2.52	100	7.21	2.45	0.000	0.369	0.369	0.478	10/31/2018	14:06
7	J5199-07		1	2.51	100	7.34	2.31	0.032	0.032	0.000	0.000	10/31/2018	14:06
8	J5202-07		1	2.55	100	7.36	1.67	0.024	0.024	0.000	0.000	10/31/2018	14:07
9	J5202-09		1	2.52	100	7.41	1.84	0.028	0.028	0.000	0.000	10/31/2018	14:07
10	J5202-11		1	2.50	100	7.59	2.11	0.018	0.019	0.001	0.001	10/31/2018	14:08
11	J5202-13		1	2.52	100	7.88	2.29	0.020	0.020	0.000	0.000	10/31/2018	14:08
12	J5202-15		1	2.55	100	7.90	1.66	0.026	0.026	0.000	0.000	10/31/2018	14:09
13	J5205-07		1	2.53	100	7.21	1.98	0.033	0.033	0.000	0.000	10/31/2018	14:09
14	J5205-09		1	2.51	100	7.03	2.17	0.036	0.036	0.000	0.000	10/31/2018	14:10
15	CCV2	0.5	1	100	100		2.59	0.000	0.390	0.390	0.506	10/31/2018	14:10
16	CCB2		1	100	100		1.53	0.000	0.000	0.000	0.000	10/31/2018	14:11
17	J5377-01		1	2.52	100	7.11	2.37	0.010	0.015	0.005	0.006	10/31/2018	14:11
18	J5696-01		1	2.50	100	7.16	2.46	0.047	0.047	0.000	0.000	10/31/2018	14:12
19	J5696-01DUP		1	2.52	100	7.54	2.25	0.046	0.046	0.000	0.000	10/31/2018	14:12
20	J5696-02Pre	40	2	2.55	100	7.23	1.78	0.050	0.157	0.107	0.139	10/31/2018	14:13
21	J5696-022Ins	1284	40	2.55	100	7.33	2.04	0.045	0.618	0.573	0.743	10/31/2018	14:13
22	J5696-023Post	40	2	2.55	100	7.41	2.21	0.055	0.199	0.144	0.187	10/31/2018	14:14
23	J5696-03	40	2	2.53	100	7.23	1.78	0.050	0.157	0.107	0.139	10/31/2018	14:14
24	J5696-04		1	2.54	100	7.19	1.69	0.051	0.051	0.000	0.000	10/31/2018	14:15
25	J5728-01		1	2.50	100	7.07	1.74	0.029	0.029	0.000	0.000	10/31/2018	14:15
26	J5737-01		1	2.51	100	7.44	1.98	0.014	0.014	0.000	0.000	10/31/2018	14:16
27	CCV3	0.5	1	100	100		1.60	0.000	0.391	0.391	0.507	10/31/2018	14:16
28	CCB3		1	100	100		2.14	0.000	0.000	0.000	0.000	10/31/2018	14:17
29	J5737-03		1	2.54	100	7.25	2.22	0.026	0.026	0.000	0.000	10/31/2018	14:17
30	CCV4	0.5	1	100	100		2.30	0.000	0.391	0.391	0.507	10/31/2018	14:18
31	CCB4		1	100	100		1.96	0.000	0.000	0.000	0.000	10/31/2018	14:18