

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99804

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70253
Calibration Std. hexchrome 0.05 ppm	WP70252
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70255
Calibratation STD Hexa Chrome 0.5 PPM	WP70254
calibration std. hexchrome 0.01 ppm	WP70250
calibration std. hexchrome 0 ppm	WP70249
Hexavalent Chromium ICV Std.	WP70256
Hexavalent Chromium CCV Std	WP70257
hexavalent chromium color reagent	WP70176
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70251

Intercept: 0.0002

Slope: 0.7714

Regression: 0.999985

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		1.90	0.000	0.000	0.000	12/13/2018	13:00
2	CAL2	0.01	1	100	100		2.40	0.000	0.007	0.007	12/13/2018	13:00
3	CAL3	0.025	1	100	100		2.05	0.000	0.018	0.018	12/13/2018	13:01
4	CAL4	0.05	1	100	100		1.77	0.000	0.039	0.039	12/13/2018	13:01
5	CAL5	0.1	1	100	100		2.09	0.000	0.078	0.078	12/13/2018	13:02
6	CAL6	0.5	1	100	100		2.17	0.000	0.389	0.389	12/13/2018	13:02
7	CAL7	1	1	100	100		1.90	0.000	0.770	0.770	12/13/2018	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		2.30	0.000	0.391	0.391	0.507	12/13/2018	13:03
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.000	12/13/2018	13:04
3	CCV1	0.5	1	100	100		1.87	0.000	0.393	0.393	0.509	12/13/2018	14:00
4	CCB1		1	100	100		1.64	0.000	0.000	0.000	0.000	12/13/2018	14:00
5	PB115651BL		1	2.54	100	7.26	2.15	0.000	0.000	0.000	0.000	12/13/2018	14:01
6	PB115651BS	20	1	2.55	100	7.80	1.73	0.000	0.369	0.369	0.478	12/13/2018	14:01
7	J6340-01		1	2.53	100	7.65	2.44	0.004	0.014	0.010	0.013	12/13/2018	14:02
8	J6340-01DUP		1	2.55	100	7.21	1.71	0.005	0.015	0.010	0.013	12/13/2018	14:02
9	J6340-01MSPre	40	2	2.50	100	7.39	2.18	0.007	0.360	0.353	0.457	12/13/2018	14:03
10	J6340-01MS2Ins	1284	40	2.52	100	7.11	2.35	0.003	0.616	0.613	0.794	12/13/2018	14:03
11	J6340-01MS3Post	40	2	2.55	100	7.13	1.84	0.008	0.366	0.358	0.464	12/13/2018	14:04
12	J6340-02		1	2.51	100	7.66	1.89	0.009	0.016	0.007	0.009	12/13/2018	14:04
13	J6340-03		1	2.54	100	7.94	2.25	0.041	0.041	0.000	0.000	12/13/2018	14:05
14	J6340-04		1	2.50	100	7.20	1.61	0.007	0.010	0.003	0.004	12/13/2018	14:05
15	CCV2	0.5	1	100	100		1.76	0.000	0.393	0.393	0.509	12/13/2018	14:06
16	CCB2		1	100	100		2.31	0.000	0.000	0.000	0.000	12/13/2018	14:06
17	J6340-05		1	2.53	100	7.10	2.11	0.016	0.017	0.001	0.001	12/13/2018	14:07
18	J6340-06		1	2.55	100	7.05	1.97	0.021	0.022	0.001	0.001	12/13/2018	14:07
19	J6340-07		1	2.51	100	7.66	1.90	0.027	0.027	0.000	0.000	12/13/2018	14:08
20	J6340-09		1	2.50	100	7.69	2.24	0.080	0.080	0.000	0.000	12/13/2018	14:08
21	J6340-10		1	2.54	100	7.80	2.33	0.017	0.017	0.000	0.000	12/13/2018	14:09
22	J6340-11		1	2.53	100	7.40	1.54	0.009	0.019	0.010	0.013	12/13/2018	14:09
23	J6372-01		1	2.50	100	7.33	1.66	0.012	0.012	0.000	0.000	12/13/2018	14:10
24	J6374-01		1	2.51	100	7.10	1.93	0.028	0.028	0.000	0.000	12/13/2018	14:10
25	J6374-03		1	2.52	100	7.91	2.44	0.035	0.035	0.000	0.000	12/13/2018	14:11
26	J6376-01		1	2.50	100	7.44	2.31	0.027	0.029	0.002	0.002	12/13/2018	14:11
27	CCV3	0.5	1	100	100		1.77	0.000	0.394	0.394	0.511	12/13/2018	14:12
28	CCB3		1	100	100		1.78	0.000	0.000	0.000	0.000	12/13/2018	14:12
29	J6376-04		1	2.53	100	7.33	2.28	0.031	0.032	0.001	0.001	12/13/2018	14:13
30	CCV4	0.5	1	100	100		2.33	0.000	0.394	0.394	0.511	12/13/2018	14:13
31	CCB4		1	100	100		1.62	0.000	0.000	0.000	0.000	12/13/2018	14:14