

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97918

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67813
Calibration Std. hexchrome 0.05 ppm	WP67812
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67815
Calibratation STD Hexa Chrome 0.5 PPM	WP67814
calibration std. hexchrome 0.01 ppm	WP67810
calibration std. hexchrome 0 ppm	WP67809
Hexavalent Chromium ICV Std.	WP67816
Hexavalent Chromium CCV Std	WP67817
hexavalent chromium color reagent	WP67819
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67811

Intercept: 0.0003

Slope: 0.7709

Regression: 0.999991

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		2.17	0.000	0.000	0.000	09/14/2018	13:00
2	CAL2	0.01	1	100	100		1.96	0.000	0.008	0.008	09/14/2018	13:00
3	CAL3	0.025	1	100	100		1.80	0.000	0.018	0.018	09/14/2018	13:01
4	CAL4	0.05	1	100	100		2.13	0.000	0.039	0.039	09/14/2018	13:01
5	CAL5	0.1	1	100	100		2.19	0.000	0.078	0.078	09/14/2018	13:02
6	CAL6	0.5	1	100	100		2.44	0.000	0.388	0.388	09/14/2018	13:02
7	CAL7	1	1	100	100		1.96	0.000	0.770	0.770	09/14/2018	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		1.77	0.000	0.392	0.392	0.508	09/14/2018	13:03
2	ICB		1	100	100		1.88	0.000	0.000	0.000	-0.011	09/14/2018	13:04
3	CCV1	0.5	1	100	100		2.11	0.000	0.392	0.392	0.508	09/14/2018	13:04
4	CCB1		1	100	100		2.47	0.000	0.000	0.000	-0.011	09/14/2018	13:05
5	PB112864BL		1	2.50	100	7.23	1.60	0.000	0.000	0.000	-0.011	09/14/2018	13:05
6	PB112864BS	20	1	2.54	100	7.15	1.54	0.000	0.375	0.375	0.486	09/14/2018	13:06
7	J4771-01		1	2.52	100	7.88	1.61	0.010	0.026	0.016	0.012	09/14/2018	13:06
8	J4771-01DUP		1	2.55	100	7.10	2.04	0.009	0.024	0.015	0.011	09/14/2018	13:07
9	J4771-01MSPre	40	2	2.53	100	7.69	2.36	0.012	0.380	0.368	0.529	09/14/2018	13:07
10	J4771-01MS2Ins	1284	40	2.53	100	7.20	2.22	0.008	0.625	0.617	0.894	09/14/2018	13:08
11	J4771-01MS3Post	40	2	2.53	100	7.13	1.69	0.014	0.383	0.369	0.530	09/14/2018	13:08
12	J4873-01		1	2.51	100	7.17	1.73	0.012	0.031	0.019	0.017	09/14/2018	13:09
13	J4873-03		1	2.54	100	7.12	2.39	0.014	0.036	0.022	0.021	09/14/2018	13:09
14	J4873-05		1	2.53	100	7.22	2.20	0.008	0.008	0.000	-0.011	09/14/2018	13:10
15	CCV2	0.5	1	100	100		1.61	0.000	0.393	0.393	0.509	09/14/2018	13:10
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.011	09/14/2018	13:11
17	J4883-01		1	2.55	100	7.26	2.11	0.019	0.019	0.000	-0.011	09/14/2018	13:11
18	J4906-01		1	2.50	100	7.55	1.96	0.007	0.007	0.000	-0.011	09/14/2018	13:12
19	J4906-05		1	2.54	100	7.62	2.44	0.014	0.014	0.000	-0.011	09/14/2018	13:12
20	J4906-09		1	2.51	100	7.70	2.35	0.027	0.027	0.000	-0.011	09/14/2018	13:13
21	J4906-13		1	2.50	100	7.88	1.74	0.008	0.009	0.001	-0.010	09/14/2018	13:13
22	J4906-17		1	2.52	100	7.74	1.81	0.008	0.009	0.001	-0.010	09/14/2018	13:14
23	J4906-21		1	2.53	100	7.63	2.33	0.011	0.012	0.001	-0.010	09/14/2018	13:14
24	J4906-25		1	2.54	100	7.90	1.69	0.013	0.013	0.000	-0.011	09/14/2018	13:15
25	J4906-29		1	2.55	100	7.35	2.07	0.018	0.018	0.000	-0.011	09/14/2018	13:15
26	CCV3	0.5	1	100	100		1.67	0.000	0.393	0.393	0.509	09/14/2018	13:16
27	CCB3		1	100	100		2.08	0.000	0.000	0.000	-0.011	09/14/2018	13:16