

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87333

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54789
Calibration Std. hexchrome 0.05 ppm	WP54786
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54791
Calibratation STD Hexa Chrome 0.5 PPM	WP54790
calibration std. hexchrome 0.01 ppm	WP54787
calibration std. hexchrome 0 ppm	WP54795
Hexavalent Chromium ICV Std.	WP54792
Hexavalent Chromium CCV Std	WP54793
hexavalent chromium color reagent	WP54796
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54788

Intercept: 0.0004

Slope: 0.7787

Regression: 0.999944

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	05/09/2017	12:55
2	CAL2	0.01	1	100	100		2.15	0.000	0.008	0.008	05/09/2017	12:55
3	CAL3	0.025	1	100	100		1.58	0.000	0.017	0.017	05/09/2017	12:56
4	CAL4	0.05	1	100	100		2.34	0.000	0.039	0.039	05/09/2017	12:56
5	CAL5	0.1	1	100	100		2.40	0.000	0.079	0.079	05/09/2017	12:57
6	CAL6	0.5	1	100	100		2.12	0.000	0.396	0.396	05/09/2017	12:57
7	CAL7	1	1	100	100		2.03	0.000	0.776	0.776	05/09/2017	12:58



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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		2.37	0.000	0.390	0.390	0.500	05/09/2017	12:58
2	ICB		1	100	100		1.82	0.000	0.000	0.000	-0.001	05/09/2017	12:59
3	CCV1	0.5	1	100	100		2.05	0.000	0.392	0.392	0.503	05/09/2017	12:59
4	CCB1		1	100	100		1.97	0.000	0.000	0.000	-0.001	05/09/2017	13:00
5	PB98826BL		1	2.50	100	7.55	2.48	0.000	0.000	0.000	-0.001	05/09/2017	13:00
6	PB98826BS	20	1	2.55	100	7.12	2.33	0.000	0.375	0.375	0.481	05/09/2017	13:01
7	I3022-01		1	2.51	100	7.86	2.20	0.007	0.008	0.001	0.001	05/09/2017	13:01
8	I3027-10		1	2.52	100	7.77	1.75	0.012	0.012	0.000	-0.001	05/09/2017	13:02
9	I3027-12		1	2.51	100	7.13	2.34	0.019	0.019	0.000	-0.001	05/09/2017	13:02
10	I3027-14		1	2.54	100	7.35	1.88	0.006	0.008	0.002	0.002	05/09/2017	13:03
11	I3031-06		1	2.50	100	7.46	1.74	0.011	0.011	0.000	-0.001	05/09/2017	13:03
12	I3031-08		1	2.51	100	7.24	2.29	0.016	0.037	0.021	0.026	05/09/2017	13:04
13	I3034-01		1	2.53	100	7.38	2.31	0.016	0.017	0.001	0.001	05/09/2017	13:04
14	I3037-05		1	2.54	100	7.20	2.40	0.146	0.146	0.000	-0.001	05/09/2017	13:05
15	CCV2	0.5	1	100	100		2.46	0.000	0.392	0.392	0.503	05/09/2017	13:05
16	CCB2		1	100	100		1.83	0.000	0.000	0.000	-0.001	05/09/2017	13:06
17	I3037-06		1	2.52	100	7.46	1.99	0.015	0.015	0.000	-0.001	05/09/2017	13:06
18	I3037-07		1	2.51	100	7.90	2.20	0.012	0.012	0.000	-0.001	05/09/2017	13:07
19	I3040-04		1	2.53	100	7.61	2.26	0.033	0.033	0.000	-0.001	05/09/2017	13:07
20	I3048-01		1	2.50	100	7.44	2.10	0.008	0.008	0.000	-0.001	05/09/2017	13:08
21	I3049-01		1	2.55	100	7.24	1.71	0.009	0.009	0.000	-0.001	05/09/2017	13:08
22	I3049-01DUP		1	2.54	100	7.30	1.64	0.010	0.010	0.000	-0.001	05/09/2017	13:09
23	I3049-01MSPre	40	2	2.53	100	7.08	1.57	0.011	0.352	0.341	0.437	05/09/2017	13:09
24	I3049-01MS2Ins	1284	40	2.55	100	7.11	2.06	0.013	0.620	0.607	0.779	05/09/2017	13:10
25	I3049-01MS3Post	40	2	2.52	100	7.39	2.11	0.015	0.368	0.353	0.453	05/09/2017	13:10
26	CCV3	0.5	1	100	100		2.47	0.000	0.393	0.393	0.504	05/09/2017	13:11
27	CCB3		1	100	100		1.80	0.000	0.000	0.000	-0.001	05/09/2017	13:11