

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88572

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56187
Calibration Std. hexchrome 0.05 ppm	WP56186
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP56189
Calibratation STD Hexa Chrome 0.5 PPM	WP56188
calibration std. hexchrome 0.01 ppm	WP56184
calibration std. hexchrome 0 ppm	WP56183
Hexavalent Chromium ICV Std.	WP56190
Hexavalent Chromium CCV Std	WP56191
hexavalent chromium color reagent	WP56155
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56185

Intercept: -0.0001

Slope: 0.7809

Regression: 0.999956

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	07/06/2017	13:10
2	CAL2	0.01	1	100	100		2.13	0.000	0.007	0.007	07/06/2017	13:10
3	CAL3	0.025	1	100	100		1.55	0.000	0.017	0.017	07/06/2017	13:11
4	CAL4	0.05	1	100	100		2.23	0.000	0.039	0.039	07/06/2017	13:11
5	CAL5	0.1	1	100	100		2.48	0.000	0.078	0.078	07/06/2017	13:12
6	CAL6	0.5	1	100	100		1.60	0.000	0.396	0.396	07/06/2017	13:12
7	CAL7	1	1	100	100		2.35	0.000	0.778	0.778	07/06/2017	13:13



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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		2.05	0.000	0.393	0.393	0.503	07/06/2017	13:13
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	07/06/2017	13:14
3	CCV1	0.5	1	100	100		2.13	0.000	0.394	0.394	0.505	07/06/2017	16:05
4	CCB1		1	100	100		2.44	0.000	0.000	0.000	0.000	07/06/2017	16:05
5	PB100453BL		1	2.53	100	7.22	2.20	0.000	0.000	0.000	0.000	07/06/2017	16:06
6	PB100453BS	20	1	2.50	100	7.05	1.77	0.000	0.360	0.360	0.461	07/06/2017	16:06
7	I3992-01		1	2.55	100	7.80	1.66	0.018	0.018	0.000	0.000	07/06/2017	16:07
8	I4049-01		1	2.51	100	7.18	1.59	0.011	0.011	0.000	0.000	07/06/2017	16:07
9	I4049-04		1	2.54	100	7.21	2.20	0.012	0.012	0.000	0.000	07/06/2017	16:08
10	I4052-01		1	2.55	100	7.63	2.11	0.019	0.020	0.001	0.001	07/06/2017	16:08
11	I4052-04		1	2.50	100	7.29	2.44	0.010	0.010	0.000	0.000	07/06/2017	16:09
12	I4052-07		1	2.54	100	7.41	1.72	0.005	0.006	0.001	0.001	07/06/2017	16:09
13	I4053-01		1	2.51	100	7.55	1.61	0.055	0.055	0.000	0.000	07/06/2017	16:10
14	I4053-04		1	2.50	100	7.69	1.83	0.016	0.016	0.000	0.000	07/06/2017	16:10
15	CCV2	0.5	1	100	100		1.52	0.000	0.394	0.394	0.505	07/06/2017	16:11
16	CCB2		1	100	100		1.70	0.000	0.000	0.000	0.000	07/06/2017	16:11
17	I4053-07		1	2.53	100	7.82	2.13	0.040	0.041	0.001	0.001	07/06/2017	16:12
18	I4053-10		1	2.52	100	7.33	2.26	0.018	0.018	0.000	0.000	07/06/2017	16:12
19	I4053-13		1	2.51	100	7.81	2.31	0.049	0.049	0.000	0.000	07/06/2017	16:13
20	I4062-01		1	2.55	100	7.28	2.45	0.016	0.016	0.000	0.000	07/06/2017	16:13
21	I4063-01		1	2.52	100	7.36	1.95	0.044	0.045	0.001	0.001	07/06/2017	16:14
22	I4063-04		1	2.52	100	7.45	1.88	0.008	0.008	0.000	0.000	07/06/2017	16:14
23	I4063-04DUP		1	2.54	100	7.80	2.09	0.007	0.007	0.000	0.000	07/06/2017	16:15
24	I4063-04MSPre	40	2	2.53	100	7.31	1.70	0.009	0.351	0.342	0.438	07/06/2017	16:15
25	I4063-04MS2Ins	1284	40	2.52	100	7.20	2.29	0.009	0.630	0.621	0.795	07/06/2017	16:16
26	I4063-04MS3Post	40	2	2.51	100	7.15	2.33	0.010	0.357	0.347	0.444	07/06/2017	16:16
27	CCV3	0.5	1	100	100		1.74	0.000	0.395	0.395	0.506	07/06/2017	16:17
28	CCB3		1	100	100		1.73	0.000	0.000	0.000	0.000	07/06/2017	16:17
29	I4063-07		1	2.53	100	7.46	1.55	0.011	0.011	0.000	0.000	07/06/2017	16:18
30	CCV4	0.5	1	100	100		2.46	0.000	0.395	0.395	0.506	07/06/2017	16:18
31	CCB4		1	100	100		2.39	0.000	0.000	0.000	0.000	07/06/2017	16:19