

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88990

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56658
Calibration Std. hexchrome 0.05 ppm	WP56657
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56660
Calibratation STD Hexa Chrome 0.5 PPM	WP56659
calibration std. hexchrome 0.01 ppm	WP56655
calibration std. hexchrome 0 ppm	WP56654
Hexavalent Chromium ICV Std.	WP56661
Hexavalent Chromium CCV Std	WP56662
hexavalent chromium color reagent	WP56540
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56656

Intercept: 0.0004

Slope: 0.7798

Regression: 0.999943

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		2.04	0.000	0.000	0.000	07/25/2017	14:10
2	CAL2	0.01	1	100	100		1.86	0.000	0.008	0.008	07/25/2017	14:10
3	CAL3	0.025	1	100	100		1.53	0.000	0.018	0.018	07/25/2017	14:11
4	CAL4	0.05	1	100	100		2.48	0.000	0.039	0.039	07/25/2017	14:11
5	CAL5	0.1	1	100	100		2.17	0.000	0.078	0.078	07/25/2017	14:12
6	CAL6	0.5	1	100	100		1.90	0.000	0.397	0.397	07/25/2017	14:12
7	CAL7	1	1	100	100		2.35	0.000	0.777	0.777	07/25/2017	14:13



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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		1.63	0.000	0.389	0.389	0.498	07/25/2017	14:13
2	ICB		1	100	100		2.32	0.000	0.000	0.000	-0.001	07/25/2017	14:14
3	CCV1	0.5	1	100	100		2.13	0.000	0.390	0.390	0.500	07/25/2017	14:14
4	CCB1		1	100	100		1.94	0.000	0.000	0.000	-0.001	07/25/2017	14:15
5	PB100950BL		1	2.50	100	7.25	1.78	0.000	0.000	0.000	-0.001	07/25/2017	14:15
6	PB100950BS	20	1	2.52	100	7.60	2.30	0.000	0.377	0.377	0.483	07/25/2017	14:16
7	I4400-01		1	2.50	100	7.13	2.44	0.025	0.025	0.000	-0.001	07/25/2017	14:16
8	I4400-02		1	2.51	100	7.49	2.46	0.009	0.009	0.000	-0.001	07/25/2017	14:17
9	I4400-03		1	2.54	100	7.33	1.60	0.015	0.015	0.000	-0.001	07/25/2017	14:17
10	I4400-04		1	2.52	100	7.05	2.18	0.011	0.011	0.000	-0.001	07/25/2017	14:18
11	I4414-01		1	2.50	100	7.81	1.59	0.028	0.028	0.000	-0.001	07/25/2017	14:18
12	I4415-01		1	2.55	100	7.96	1.64	0.014	0.014	0.000	-0.001	07/25/2017	14:19
13	I4420-06		1	2.52	100	7.22	2.39	0.008	0.009	0.001	0.001	07/25/2017	14:19
14	I4420-13		1	2.53	100	7.04	2.28	0.010	0.010	0.000	-0.001	07/25/2017	14:20
15	CCV2	0.5	1	100	100		2.15	0.000	0.390	0.390	0.500	07/25/2017	14:20
16	CCB2		1	100	100		1.87	0.000	0.000	0.000	-0.001	07/25/2017	14:21
17	I4422-05		1	2.55	100	7.64	1.67	0.009	0.009	0.000	-0.001	07/25/2017	14:21
18	I4422-09		1	2.51	100	7.12	2.08	0.018	0.018	0.000	-0.001	07/25/2017	14:22
19	I4422-13		1	2.50	100	7.06	1.59	0.012	0.012	0.000	-0.001	07/25/2017	14:22
20	I4424-01		1	2.52	100	7.33	2.44	0.022	0.022	0.000	-0.001	07/25/2017	14:23
21	I4424-04		1	2.51	100	7.21	2.31	0.028	0.028	0.000	-0.001	07/25/2017	14:23
22	I4424-07		1	2.54	100	7.45	2.16	0.024	0.024	0.000	-0.001	07/25/2017	14:24
23	I4424-10		1	2.54	100	7.58	2.48	0.011	0.011	0.000	-0.001	07/25/2017	14:24
24	I4424-10DUP		1	2.53	100	7.32	1.97	0.010	0.010	0.000	-0.001	07/25/2017	14:25
25	I4424-10MSPre	40	2	2.51	100	7.40	1.78	0.011	0.362	0.351	0.450	07/25/2017	14:25
26	I4424-10MS2Ins	1284	40	2.55	100	7.20	2.05	0.013	0.639	0.626	0.802	07/25/2017	14:26
27	CCV3	0.5	1	100	100		1.94	0.000	0.392	0.392	0.502	07/25/2017	14:26
28	CCB3		1	100	100		2.13	0.000	0.000	0.000	-0.001	07/25/2017	14:27
29	I4424-10MS3Post	40	2	2.51	100	7.34	2.06	0.012	0.369	0.357	0.457	07/25/2017	14:27
30	CCV4	0.5	1	100	100		1.88	0.000	0.392	0.392	0.502	07/25/2017	14:28
31	CCB4		1	100	100		2.35	0.000	0.000	0.000	-0.001	07/25/2017	14:28