

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88446

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56052
Calibration Std. hexchrome 0.05 ppm	WP56051
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP56054
Calibratation STD Hexa Chrome 0.5 PPM	WP56053
calibration std. hexchrome 0.01 ppm	WP56049
calibration std. hexchrome 0 ppm	WP56048
Hexavalent Chromium ICV Std.	WP56055
Hexavalent Chromium CCV Std	WP56056
hexavalent chromium color reagent	WP56010
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56050

Intercept: 0.0001

Slope: 0.781

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		1.54	0.000	0.000	0.000	06/29/2017	11:10
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	06/29/2017	11:10
3	CAL3	0.025	1	100	100		2.34	0.000	0.017	0.017	06/29/2017	11:11
4	CAL4	0.05	1	100	100		1.77	0.000	0.039	0.039	06/29/2017	11:11
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	06/29/2017	11:12
6	CAL6	0.5	1	100	100		2.22	0.000	0.397	0.397	06/29/2017	11:12
7	CAL7	1	1	100	100		2.08	0.000	0.778	0.778	06/29/2017	11:13



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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		2.14	0.000	0.392	0.392	0.502	06/29/2017	11:13
2	ICB		1	100	100		1.58	0.000	0.000	0.000	0.000	06/29/2017	11:14
3	CCV1	0.5	1	100	100		1.77	0.000	0.393	0.393	0.503	06/29/2017	11:14
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.000	06/29/2017	11:15
5	PB100281BL		1	2.50	100	7.60	2.46	0.000	0.000	0.000	0.000	06/29/2017	11:15
6	PB100281BS	20	1	2.51	100	7.42	1.64	0.000	0.383	0.383	0.490	06/29/2017	11:16
7	I3908-01		1	2.55	100	7.21	2.15	0.012	0.012	0.000	0.000	06/29/2017	11:16
8	I3908-02		1	2.51	100	7.36	2.23	0.024	0.025	0.001	0.001	06/29/2017	11:17
9	I3908-03		1	2.54	100	7.82	2.41	0.016	0.017	0.001	0.001	06/29/2017	11:17
10	I3908-04		1	2.53	100	7.44	1.67	0.020	0.020	0.000	0.000	06/29/2017	11:18
11	I3908-05		1	2.51	100	7.90	1.86	0.014	0.015	0.001	0.001	06/29/2017	11:18
12	I3908-06		1	2.53	100	7.12	1.94	0.010	0.010	0.000	0.000	06/29/2017	11:19
13	I3908-07		1	2.55	100	7.25	2.39	0.012	0.012	0.000	0.000	06/29/2017	11:19
14	I3908-08		1	2.52	100	7.65	2.47	0.017	0.017	0.000	0.000	06/29/2017	11:20
15	CCV2	0.5	1	100	100		1.54	0.000	0.393	0.393	0.503	06/29/2017	11:20
16	CCB2		1	100	100		1.69	0.000	0.000	0.000	0.000	06/29/2017	11:21
17	I3908-09		1	2.53	100	7.31	2.04	0.030	0.032	0.002	0.002	06/29/2017	11:21
18	I3908-10		1	2.51	100	7.91	2.21	0.028	0.029	0.001	0.001	06/29/2017	11:22
19	I3908-11		1	2.50	100	7.74	1.60	0.008	0.008	0.000	0.000	06/29/2017	11:22
20	I3908-12		1	2.52	100	7.35	2.13	0.035	0.036	0.001	0.001	06/29/2017	11:23
21	I3956-01		1	2.50	100	7.05	2.35	0.006	0.006	0.000	0.000	06/29/2017	11:23
22	I3956-01DUP		1	2.53	100	7.14	2.41	0.005	0.005	0.000	0.000	06/29/2017	11:24
23	I3956-01MSPre	40	2	2.51	100	7.94	1.66	0.009	0.368	0.359	0.460	06/29/2017	11:25
24	I3956-01MS2Ins	1284	40	2.52	100	7.82	2.43	0.008	0.628	0.620	0.794	06/29/2017	11:25
25	I3956-01MS3Post	40	2	2.54	100	7.34	1.59	0.012	0.382	0.370	0.474	06/29/2017	11:26
26	I3968-01		1	2.50	100	7.06	1.77	0.015	0.015	0.000	0.000	06/29/2017	11:26
27	CCV3	0.5	1	100	100		2.46	0.000	0.394	0.394	0.504	06/29/2017	11:27
28	CCB3		1	100	100		2.23	0.000	0.000	0.000	0.000	06/29/2017	11:27
29	I3974-01		1	2.50	100	7.21	1.78	0.012	0.012	0.000	0.000	06/29/2017	11:28
30	I3977-01		1	2.51	100	7.29	1.54	0.015	0.015	0.000	0.000	06/29/2017	11:28
31	CCV4	0.5	1	100	100		2.39	0.000	0.394	0.394	0.504	06/29/2017	11:29
32	CCB4		1	100	100		2.23	0.000	0.000	0.000	0.000	06/29/2017	11:29