

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88905

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56577
Calibration Std. hexchrome 0.05 ppm	WP56576
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56579
Calibratation STD Hexa Chrome 0.5 PPM	WP56578
calibration std. hexchrome 0.01 ppm	WP56574
calibration std. hexchrome 0 ppm	WP56573
Hexavalent Chromium ICV Std.	WP56580
Hexavalent Chromium CCV Std	WP56581
hexavalent chromium color reagent	WP56540
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56575

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		2.30	0.000	0.000	0.000	07/21/2017	13:10
2	CAL2	0.01	1	100	100		2.45	0.000	0.008	0.008	07/21/2017	13:10
3	CAL3	0.025	1	100	100		1.89	0.000	0.018	0.018	07/21/2017	13:11
4	CAL4	0.05	1	100	100		1.66	0.000	0.039	0.039	07/21/2017	13:11
5	CAL5	0.1	1	100	100		2.20	0.000	0.078	0.078	07/21/2017	13:12
6	CAL6	0.5	1	100	100		1.76	0.000	0.397	0.397	07/21/2017	13:12
7	CAL7	1	1	100	100		2.38	0.000	0.777	0.777	07/21/2017	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		2.13	0.000	0.391	0.391	0.501	07/21/2017	13:13
2	ICB		1	100	100		1.45	0.000	0.000	0.000	-0.001	07/21/2017	13:14
3	CCV1	0.5	1	100	100		2.45	0.000	0.392	0.392	0.502	07/21/2017	13:14
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	-0.001	07/21/2017	13:15
5	PB100847BL		1	2.52	100	7.20	1.64	0.000	0.000	0.000	-0.001	07/21/2017	13:15
6	PB100847BS	20	1	2.53	100	7.36	2.17	0.000	0.373	0.373	0.478	07/21/2017	13:16
7	I4308-01		1	2.51	100	7.89	2.46	0.024	0.024	0.000	-0.001	07/21/2017	13:16
8	I4310-01		1	2.52	100	7.44	1.88	0.017	0.017	0.000	-0.001	07/21/2017	13:17
9	I4312-01		1	2.53	100	7.12	1.69	0.007	0.007	0.000	-0.001	07/21/2017	13:17
10	I4312-05		1	2.50	100	7.46	2.37	0.005	0.005	0.000	-0.001	07/21/2017	13:18
11	I4312-09		1	2.52	100	7.77	2.04	0.012	0.012	0.000	-0.001	07/21/2017	13:18
12	I4312-13		1	2.55	100	7.50	1.99	0.020	0.020	0.000	-0.001	07/21/2017	13:19
13	I4312-17		1	2.52	100	7.46	1.76	0.014	0.014	0.000	-0.001	07/21/2017	13:19
14	I4316-01		1	2.53	100	7.39	1.58	0.031	0.031	0.000	-0.001	07/21/2017	13:20
15	CCV2	0.5	1	100	100		2.39	0.000	0.392	0.392	0.502	07/21/2017	13:20
16	CCB2		1	100	100		2.47	0.000	0.000	0.000	-0.001	07/21/2017	13:21
17	I4317-01		1	2.54	100	7.20	2.35	0.004	0.004	0.000	-0.001	07/21/2017	13:21
18	I4319-01		1	2.50	100	7.08	2.21	0.016	0.016	0.000	-0.001	07/21/2017	13:22
19	I4319-01DUP		1	2.51	100	7.30	1.59	0.015	0.015	0.000	-0.001	07/21/2017	13:22
20	I4319-01MSPre	40	2	2.54	100	7.10	2.34	0.016	0.364	0.348	0.446	07/21/2017	13:23
21	I4319-01MS2Ins	1284	40	2.54	100	7.90	2.23	0.017	0.638	0.621	0.796	07/21/2017	13:23
22	I4319-01MS3Post	40	2	2.50	100	7.61	1.70	0.017	0.371	0.354	0.453	07/21/2017	13:24
23	I4347-02		1	2.51	100	7.35	1.96	0.051	0.051	0.000	-0.001	07/21/2017	13:24
24	I4352-01		1	2.52	100	7.15	1.78	0.013	0.013	0.000	-0.001	07/21/2017	13:25
25	I4352-03		1	2.51	100	7.24	2.31	0.019	0.019	0.000	-0.001	07/21/2017	13:25
26	I4352-05		1	2.55	100	7.63	2.45	0.007	0.007	0.000	-0.001	07/21/2017	13:26
27	CCV3	0.5	1	100	100		2.21	0.000	0.393	0.393	0.503	07/21/2017	13:26
28	CCB3		1	100	100		1.80	0.000	0.000	0.000	-0.001	07/21/2017	13:27
29	I4358-01		1	2.53	100	7.79	1.74	0.011	0.011	0.000	-0.001	07/21/2017	13:27
30	CCV4	0.5	1	100	100		2.08	0.000	0.394	0.394	0.505	07/21/2017	13:28
31	CCB4		1	100	100		2.13	0.000	0.000	0.000	-0.001	07/21/2017	13:28