

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88772

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56487
Calibration Std. hexchrome 0.05 ppm	WP56486
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56489
Calibratation STD Hexa Chrome 0.5 PPM	WP56488
calibration std. hexchrome 0.01 ppm	WP56484
calibration std. hexchrome 0 ppm	WP56483
Hexavalent Chromium ICV Std.	WP56497
Hexavalent Chromium CCV Std	WP56491
hexavalent chromium color reagent	WP56385
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56485

Intercept: 0.0005

Slope: 0.7814

Regression: 0.999955

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		2.13	0.000	0.000	0.000	07/18/2017	15:01
2	CAL2	0.01	1	100	100		1.99	0.000	0.008	0.008	07/18/2017	15:01
3	CAL3	0.025	1	100	100		2.04	0.000	0.018	0.018	07/18/2017	15:02
4	CAL4	0.05	1	100	100		2.43	0.000	0.039	0.039	07/18/2017	15:02
5	CAL5	0.1	1	100	100		1.56	0.000	0.079	0.079	07/18/2017	15:03
6	CAL6	0.5	1	100	100		1.70	0.000	0.397	0.397	07/18/2017	15:03
7	CAL7	1	1	100	100		1.88	0.000	0.779	0.779	07/18/2017	15:04



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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		2.35	0.000	0.390	0.390	0.498	07/18/2017	15:04
2	ICB		1	100	100		1.60	0.000	0.000	0.000	-0.001	07/18/2017	15:05
3	CCV1	0.5	1	100	100		2.34	0.000	0.391	0.391	0.500	07/18/2017	15:05
4	CCB1		1	100	100		2.21	0.000	0.000	0.000	-0.001	07/18/2017	15:06
5	PB100739BL		1	2.50	100	7.80	2.39	0.000	0.000	0.000	-0.001	07/18/2017	15:06
6	PB100739BS	20	1	2.54	100	7.23	2.41	0.000	0.372	0.372	0.475	07/18/2017	15:07
7	I4203-01		1	2.50	100	7.46	1.75	0.009	0.009	0.000	-0.001	07/18/2017	15:07
8	I4203-02		1	2.52	100	7.31	1.64	0.012	0.012	0.000	-0.001	07/18/2017	15:08
9	I4203-03		1	2.54	100	7.50	2.08	0.010	0.010	0.000	-0.001	07/18/2017	15:08
10	I4203-04		1	2.55	100	7.60	2.10	0.006	0.006	0.000	-0.001	07/18/2017	15:08
11	I4203-05		1	2.53	100	7.52	2.28	0.028	0.028	0.000	-0.001	07/18/2017	15:09
12	I4203-05DUP		1	2.55	100	7.33	1.57	0.029	0.029	0.000	-0.001	07/18/2017	15:09
13	I4203-06Pre	40	2	2.52	100	7.69	1.96	0.034	0.186	0.152	0.194	07/18/2017	15:10
14	I4203-062Ins	1284	40	2.53	100	7.41	2.17	0.036	0.659	0.623	0.797	07/18/2017	15:10
15	CCV2	0.5	1	100	100		1.73	0.000	0.391	0.391	0.500	07/18/2017	15:11
16	CCB2		1	100	100		2.13	0.000	0.000	0.000	-0.001	07/18/2017	15:11
17	I4203-063Post	40	2	2.51	100	7.26	1.55	0.038	0.284	0.246	0.314	07/18/2017	15:12
18	I4203-07	40	2	2.50	100	7.69	1.96	0.034	0.186	0.152	0.194	07/18/2017	15:12
19	I4203-08		1	2.51	100	7.69	1.74	0.003	0.003	0.000	-0.001	07/18/2017	15:13
20	I4203-09		1	2.55	100	7.88	1.82	0.024	0.024	0.000	-0.001	07/18/2017	15:13
21	I4203-10		1	2.53	100	7.60	2.43	0.005	0.005	0.000	-0.001	07/18/2017	15:14
22	I4203-11		1	2.52	100	7.74	2.34	0.095	0.097	0.002	0.002	07/18/2017	15:14
23	I4203-12		1	2.50	100	7.56	1.63	0.006	0.006	0.000	-0.001	07/18/2017	15:15
24	I4244-01		1	2.55	100	7.30	1.90	0.033	0.033	0.000	-0.001	07/18/2017	15:15
25	I4245-01		1	2.54	100	7.41	2.08	0.009	0.009	0.000	-0.001	07/18/2017	15:16
26	I4245-04		1	2.55	100	7.25	2.28	0.007	0.007	0.000	-0.001	07/18/2017	15:16
27	CCV3	0.5	1	100	100		2.13	0.000	0.393	0.393	0.502	07/18/2017	15:17
28	CCB3		1	100	100		2.21	0.000	0.000	0.000	-0.001	07/18/2017	15:17
29	I4245-07		1	2.51	100	7.90	1.88	0.008	0.008	0.000	-0.001	07/18/2017	15:18
30	I4245-10		1	2.50	100	7.85	2.07	0.006	0.006	0.000	-0.001	07/18/2017	15:18
31	I4245-13		1	2.52	100	7.46	2.39	0.013	0.013	0.000	-0.001	07/18/2017	15:19
32	I4248-01		1	2.53	100	7.40	2.45	0.011	0.012	0.001	0.001	07/18/2017	15:19
33	I4248-05		1	2.51	100	7.31	1.77	0.003	0.010	0.007	0.008	07/18/2017	15:20
34	CCV4	0.5	1	100	100		2.40	0.000	0.393	0.393	0.502	07/18/2017	15:20
35	CCB4		1	100	100		2.06	0.000	0.000	0.000	-0.001	07/18/2017	15:21