

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87180

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54572
Calibration Std. hexchrome 0.05 ppm	WP54571
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54574
Calibratation STD Hexa Chrome 0.5 PPM	WP54573
calibration std. hexchrome 0.01 ppm	WP54569
calibration std. hexchrome 0 ppm	WP54568
Hexavalent Chromium ICV Std.	WP54575
Hexavalent Chromium CCV Std	WP54576
hexavalent chromium color reagent	WP54466
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54570

Intercept: 0.0004

Slope: 0.7787

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		2.13	0.000	0.000	0.000	05/01/2017	14:00
2	CAL2	0.01	1	100	100		2.25	0.000	0.008	0.008	05/01/2017	14:00
3	CAL3	0.025	1	100	100		2.38	0.000	0.017	0.017	05/01/2017	14:01
4	CAL4	0.05	1	100	100		1.59	0.000	0.039	0.039	05/01/2017	14:01
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	05/01/2017	14:02
6	CAL6	0.5	1	100	100		2.46	0.000	0.396	0.396	05/01/2017	14:02
7	CAL7	1	1	100	100		1.72	0.000	0.776	0.776	05/01/2017	14:03



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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		2.21	0.000	0.392	0.392	0.503	05/01/2017	14:03
2	ICB		1	100	100		2.48	0.000	0.000	0.000	-0.001	05/01/2017	14:04
3	CCV1	0.5	1	100	100		2.33	0.000	0.393	0.393	0.504	05/01/2017	14:04
4	CCB1		1	100	100		1.65	0.000	0.000	0.000	-0.001	05/01/2017	14:05
5	PB98616BL		1	2.55	100	7.80	2.46	0.000	0.000	0.000	-0.001	05/01/2017	14:05
6	PB98616BS	20	1	2.54	100	7.55	1.79	0.000	0.360	0.360	0.462	05/01/2017	14:06
7	I2873-02		1	2.53	100	7.23	1.64	0.008	0.030	0.022	0.028	05/01/2017	14:06
8	I2873-02DUP		1	2.52	100	7.42	2.21	0.007	0.029	0.022	0.028	05/01/2017	14:07
9	I2873-02MSPre	40	2	2.54	100	7.65	2.35	0.009	0.339	0.330	0.423	05/01/2017	14:07
10	I2873-02MS2Ins	1284	40	2.52	100	7.77	2.10	0.009	0.619	0.610	0.783	05/01/2017	14:08
11	I2873-02MS3Post	40	2	2.51	100	7.14	1.88	0.010	0.358	0.348	0.446	05/01/2017	14:08
12	I2919-01		1	2.50	100	7.26	2.39	0.006	0.008	0.002	0.002	05/01/2017	14:09
13	I2920-01		1	2.51	100	7.24	2.30	0.016	0.017	0.001	0.001	05/01/2017	14:09
14	I2920-06		1	2.52	100	7.31	2.05	0.018	0.018	0.000	-0.001	05/01/2017	14:10
15	CCV2	0.5	1	100	100		1.90	0.000	0.393	0.393	0.504	05/01/2017	14:11
16	CCB2		1	100	100		2.23	0.000	0.000	0.000	-0.001	05/01/2017	14:11
17	I2920-11		1	2.51	100	7.36	1.89	0.015	0.015	0.000	-0.001	05/01/2017	14:12
18	I2923-01		1	2.50	100	7.82	1.74	0.038	0.038	0.000	-0.001	05/01/2017	14:12
19	I2925-01		1	2.54	100	7.70	1.56	0.003	0.003	0.000	-0.001	05/01/2017	14:13
20	I2927-01		1	2.55	100	7.80	2.40	0.026	0.026	0.000	-0.001	05/01/2017	14:13
21	I2927-03		1	2.51	100	7.12	2.13	0.008	0.008	0.000	-0.001	05/01/2017	14:14
22	I2928-01		1	2.52	100	7.66	1.54	0.005	0.006	0.001	0.001	05/01/2017	14:14
23	I2929-01		1	2.54	100	7.52	2.24	0.008	0.008	0.000	-0.001	05/01/2017	14:15
24	I2930-01		1	2.52	100	7.30	2.36	0.004	0.004	0.000	-0.001	05/01/2017	14:15
25	I2930-04		1	2.55	100	7.08	2.31	0.022	0.022	0.000	-0.001	05/01/2017	14:16
26	I2930-12		1	2.51	100	7.59	2.49	0.025	0.025	0.000	-0.001	05/01/2017	14:16
27	CCV3	0.5	1	100	100		1.56	0.000	0.394	0.394	0.505	05/01/2017	14:17
28	CCB3		1	100	100		1.78	0.000	0.000	0.000	-0.001	05/01/2017	14:17