

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90227

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58133
Calibration Std. hexchrome 0.05 ppm	WP58132
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58135
Calibratation STD Hexa Chrome 0.5 PPM	WP58134
calibration std. hexchrome 0.01 ppm	WP58130
calibration std. hexchrome 0 ppm	WP58129
Hexavalent Chromium ICV Std.	WP58136
Hexavalent Chromium CCV Std	WP58137
hexavalent chromium color reagent	WP58042
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP58131

Intercept: 0.0002

Slope: 0.7738

Regression: 0.999913

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		2.10	0.000	0.000	0.000	09/21/2017	12:00
2	CAL2	0.01	1	100	100		2.36	0.000	0.006	0.006	09/21/2017	12:00
3	CAL3	0.025	1	100	100		1.54	0.000	0.017	0.017	09/21/2017	12:01
4	CAL4	0.05	1	100	100		1.78	0.000	0.039	0.039	09/21/2017	12:01
5	CAL5	0.1	1	100	100		2.08	0.000	0.078	0.078	09/21/2017	12:02
6	CAL6	0.5	1	100	100		2.41	0.000	0.395	0.395	09/21/2017	12:02
7	CAL7	1	1	100	100		1.66	0.000	0.770	0.770	09/21/2017	12:03



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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		1.90	0.000	0.392	0.392	0.506	09/21/2017	12:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	09/21/2017	12:04
3	CCV1	0.5	1	100	100		1.80	0.000	0.393	0.393	0.508	09/21/2017	13:59
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	09/21/2017	13:59
5	PB102511BL		1	2.54	100	7.55	1.89	0.000	0.000	0.000	0.000	09/21/2017	14:00
6	PB102511BS	20	1	2.54	100	7.85	1.96	0.000	0.361	0.361	0.466	09/21/2017	14:00
7	I5309-01		1	2.50	100	7.65	2.01	0.012	0.012	0.000	0.000	09/21/2017	14:01
8	I5309-01DUP		1	2.51	100	7.24	2.41	0.013	0.013	0.000	0.000	09/21/2017	14:01
9	I5309-01MSPre	40	2	2.51	100	7.33	2.33	0.013	0.332	0.319	0.412	09/21/2017	14:02
10	I5309-01MS2Ins	1284	40	2.51	100	7.19	1.78	0.015	0.620	0.605	0.782	09/21/2017	14:02
11	I5309-01MS3Post	40	2	2.52	100	7.77	2.06	0.016	0.350	0.334	0.431	09/21/2017	14:03
12	I5309-05		1	2.53	100	7.44	1.74	0.031	0.031	0.000	0.000	09/21/2017	14:03
13	I5329-01		1	2.55	100	7.68	2.41	0.014	0.014	0.000	0.000	09/21/2017	14:04
14	I5330-01		1	2.54	100	7.35	2.12	0.033	0.033	0.000	0.000	09/21/2017	14:04
15	CCV2	0.5	1	100	100		1.84	0.000	0.394	0.394	0.509	09/21/2017	14:04
16	CCB2		1	100	100		2.32	0.000	0.000	0.000	0.000	09/21/2017	14:05
17	I5331-01		1	2.50	100	7.94	2.22	0.110	0.110	0.000	0.000	09/21/2017	14:05
18	I5331-04		1	2.54	100	7.88	1.85	0.015	0.015	0.000	0.000	09/21/2017	14:06
19	I5331-07		1	2.55	100	7.53	1.69	0.009	0.009	0.000	0.000	09/21/2017	14:06
20	I5335-01		1	2.51	100	7.11	2.32	0.097	0.097	0.000	0.000	09/21/2017	14:07
21	I5336-01		1	2.54	100	7.84	2.33	0.033	0.033	0.000	0.000	09/21/2017	14:07
22	I5340-01		1	2.50	100	7.31	1.97	0.088	0.088	0.000	0.000	09/21/2017	14:08
23	I5340-02		1	2.50	100	7.18	1.67	0.094	0.094	0.000	0.000	09/21/2017	14:08
24	I5340-03		1	2.54	100	7.36	2.31	0.088	0.088	0.000	0.000	09/21/2017	14:09
25	I5340-04		1	2.50	100	7.94	1.77	0.063	0.063	0.000	0.000	09/21/2017	14:09
26	I5340-05		1	2.54	100	7.71	1.75	0.071	0.071	0.000	0.000	09/21/2017	14:10
27	CCV3	0.5	1	100	100		1.89	0.000	0.394	0.394	0.509	09/21/2017	14:10
28	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.000	09/21/2017	14:11
29	I5340-06		1	2.55	100	7.14	2.13	0.057	0.057	0.000	0.000	09/21/2017	14:11
30	I5340-07		1	2.50	100	7.25	2.17	0.080	0.080	0.000	0.000	09/21/2017	14:12
31	I5340-08		1	2.54	100	7.35	1.95	0.067	0.067	0.000	0.000	09/21/2017	14:12
32	I5340-09		1	2.53	100	7.84	1.66	0.093	0.093	0.000	0.000	09/21/2017	14:13
33	I5340-10		1	2.55	100	7.91	1.78	0.050	0.050	0.000	0.000	09/21/2017	14:13
34	I5340-11		1	2.50	100	7.45	1.68	0.045	0.045	0.000	0.000	09/21/2017	14:14
35	I5340-12		1	2.52	100	7.65	2.09	0.041	0.041	0.000	0.000	09/21/2017	14:14
36	CCV4	0.5	1	100	100		2.22	0.000	0.394	0.394	0.509	09/21/2017	14:15
37	CCB4		1	100	100		2.35	0.000	0.000	0.000	0.000	09/21/2017	14:15