

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89759

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57547
Calibration Std. hexchrome 0.05 ppm	WP57546
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57549
Calibratation STD Hexa Chrome 0.5 PPM	WP57548
calibration std. hexchrome 0.01 ppm	WP57544
calibration std. hexchrome 0 ppm	WP57543
Hexavalent Chromium ICV Std.	WP57550
Hexavalent Chromium CCV Std	WP57551
hexavalent chromium color reagent	WP57539
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57545

Intercept: -0.0003

Slope: 0.7815

Regression: 0.999942

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		2.33	0.000	0.000	0.000	08/28/2017	14:00
2	CAL2	0.01	1	100	100		2.14	0.000	0.006	0.006	08/28/2017	14:00
3	CAL3	0.025	1	100	100		1.95	0.000	0.017	0.017	08/28/2017	14:01
4	CAL4	0.05	1	100	100		2.40	0.000	0.039	0.039	08/28/2017	14:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.078	0.078	08/28/2017	14:02
6	CAL6	0.5	1	100	100		2.39	0.000	0.397	0.397	08/28/2017	14:02
7	CAL7	1	1	100	100		1.88	0.000	0.778	0.778	08/28/2017	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		2.26	0.000	0.389	0.389	0.498	08/28/2017	14:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	08/28/2017	14:04
3	CCV1	0.5	1	100	100		1.73	0.000	0.390	0.390	0.499	08/28/2017	14:04
4	CCB1		1	100	100		1.55	0.000	0.000	0.000	0.000	08/28/2017	14:05
5	PB101884BL		1	2.55	100	7.36	2.34	0.000	0.000	0.000	0.000	08/28/2017	14:05
6	PB101884BS	20	1	2.54	100	7.44	2.45	0.000	0.392	0.392	0.502	08/28/2017	14:06
7	I4986-01		1	2.53	100	7.10	1.66	0.010	0.010	0.000	0.000	08/28/2017	14:06
8	I4988-01		1	2.55	100	7.81	1.57	0.007	0.007	0.000	0.000	08/28/2017	14:07
9	I4988-04		1	2.50	100	7.90	2.30	0.011	0.011	0.000	0.000	08/28/2017	14:07
10	I4988-04DUP		1	2.51	100	7.77	1.89	0.010	0.010	0.000	0.000	08/28/2017	14:08
11	I4988-04MSPre	40	2	2.55	100	7.54	1.95	0.013	0.379	0.366	0.469	08/28/2017	14:08
12	I4988-04MS2Ins	1284	40	2.53	100	7.61	2.12	0.012	0.628	0.616	0.789	08/28/2017	14:09
13	I4988-04MS3Post	40	2	2.50	100	7.43	2.27	0.015	0.388	0.373	0.478	08/28/2017	14:09
14	I4988-07		1	2.50	100	7.38	1.60	0.013	0.013	0.000	0.000	08/28/2017	14:10
15	CCV2	0.5	1	100	100		1.61	0.000	0.390	0.390	0.499	08/28/2017	14:10
16	CCB2		1	100	100		2.40	0.000	0.000	0.000	0.000	08/28/2017	14:11
17	I4988-10		1	2.52	100	7.55	1.88	0.008	0.008	0.000	0.000	08/28/2017	14:11
18	I4988-13		1	2.55	100	7.29	1.97	0.012	0.012	0.000	0.000	08/28/2017	14:12
19	I4989-01		1	2.51	100	7.20	2.31	0.027	0.027	0.000	0.000	08/28/2017	14:12
20	I4989-04		1	2.54	100	7.30	2.25	0.025	0.025	0.000	0.000	08/28/2017	14:13
21	I4989-07		1	2.52	100	7.65	2.48	0.029	0.029	0.000	0.000	08/28/2017	14:13
22	I4989-10		1	2.53	100	7.43	1.66	0.033	0.033	0.000	0.000	08/28/2017	14:14
23	I4992-01		1	2.51	100	7.78	1.78	0.024	0.024	0.000	0.000	08/28/2017	14:14
24	I4992-03		1	2.50	100	7.83	2.30	0.011	0.011	0.000	0.000	08/28/2017	14:15
25	I4993-01		1	2.55	100	7.36	2.22	0.015	0.015	0.000	0.000	08/28/2017	14:15
26	I4994-01		1	2.54	100	7.25	1.65	0.017	0.017	0.000	0.000	08/28/2017	14:16
27	CCV3	0.5	1	100	100		1.57	0.000	0.391	0.391	0.501	08/28/2017	14:16
28	CCB3		1	100	100		2.21	0.000	0.000	0.000	0.000	08/28/2017	14:17
29	I4994-04		1	2.51	100	7.28	2.27	0.013	0.014	0.001	0.002	08/28/2017	14:17
30	I4994-07		1	2.52	100	7.33	1.64	0.022	0.022	0.000	0.000	08/28/2017	14:18
31	CCV4	0.5	1	100	100		1.79	0.000	0.391	0.391	0.501	08/28/2017	14:18
32	CCB4		1	100	100		2.12	0.000	0.000	0.000	0.000	08/28/2017	14:19