

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91576

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59632
Calibration Std. hexchrome 0.05 ppm	WP59631
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59634
Calibratation STD Hexa Chrome 0.5 PPM	WP59633
calibration std. hexchrome 0.01 ppm	WP59629
calibration std. hexchrome 0 ppm	WP59613
Hexavalent Chromium ICV Std.	WP59635
Hexavalent Chromium CCV Std	WP59636
hexavalent chromium color reagent	WP59589
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59630

Intercept: -0.0004

Slope: 0.7762

Regression: 0.999992

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		2.01	0.000	0.000	0.000	11/14/2017	12:00
2	CAL2	0.01	1	100	100		2.31	0.000	0.006	0.006	11/14/2017	12:00
3	CAL3	0.025	1	100	100		1.69	0.000	0.018	0.018	11/14/2017	12:01
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	11/14/2017	12:01
5	CAL5	0.1	1	100	100		2.32	0.000	0.079	0.079	11/14/2017	12:02
6	CAL6	0.5	1	100	100		1.56	0.000	0.389	0.389	11/14/2017	12:02
7	CAL7	1	1	100	100		1.70	0.000	0.775	0.775	11/14/2017	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		2.41	0.000	0.390	0.390	0.503	11/14/2017	12:03
2	ICB		1	100	100		2.25	0.000	0.000	0.000	0.001	11/14/2017	12:04
3	CCV1	0.5	1	100	100		1.53	0.000	0.392	0.392	0.506	11/14/2017	12:04
4	CCB1		1	100	100		1.64	0.000	0.000	0.000	0.001	11/14/2017	12:05
5	PB104253BL		1	2.50	100	7.51	2.48	0.000	0.000	0.000	0.001	11/14/2017	12:05
6	PB104253BS	20	1	2.55	100	7.13	2.23	0.000	0.375	0.375	0.484	11/14/2017	12:06
7	I6300-03		1	2.55	100	7.62	1.57	0.012	0.012	0.000	0.001	11/14/2017	12:06
8	I6307-01		1	2.54	100	7.21	2.16	0.025	0.025	0.000	0.001	11/14/2017	12:07
9	I6307-03		1	2.50	100	7.69	1.64	0.015	0.015	0.000	0.001	11/14/2017	12:07
10	I6307-05		1	2.51	100	7.30	1.72	0.025	0.025	0.000	0.001	11/14/2017	12:08
11	I6311-03		1	2.52	100	7.64	2.28	0.017	0.017	0.000	0.001	11/14/2017	12:08
12	I6423-02		1	2.53	100	7.84	2.33	0.009	0.009	0.000	0.001	11/14/2017	12:09
13	I6427-01		1	2.55	100	7.36	1.84	0.011	0.011	0.000	0.001	11/14/2017	12:09
14	I6429-01		1	2.52	100	7.33	1.90	0.010	0.016	0.006	0.008	11/14/2017	12:10
15	CCV2	0.5	1	100	100		2.27	0.000	0.392	0.392	0.506	11/14/2017	12:10
16	CCB2		1	100	100		2.40	0.000	0.000	0.000	0.001	11/14/2017	12:11
17	I6429-01DUP		1	2.51	100	7.69	2.15	0.011	0.017	0.006	0.008	11/14/2017	12:11
18	I6429-01MSPre	40	2	2.55	100	7.74	1.81	0.014	0.358	0.344	0.444	11/14/2017	12:12
19	I6429-01MS2Ins	1284	40	2.53	100	7.10	1.77	0.013	0.621	0.608	0.784	11/14/2017	12:12
20	I6429-01MS3Post	40	2	2.50	100	7.05	2.11	0.015	0.371	0.356	0.459	11/14/2017	12:13
21	I6436-01		1	2.51	100	7.21	2.09	0.012	0.012	0.000	0.001	11/14/2017	12:13
22	I6441-03		1	2.52	100	7.60	2.35	0.019	0.019	0.000	0.001	11/14/2017	12:14
23	I6441-07		1	2.50	100	7.81	2.40	0.022	0.022	0.000	0.001	11/14/2017	12:14
24	I6441-12		1	2.53	100	7.68	1.69	0.018	0.018	0.000	0.001	11/14/2017	12:15
25	I6441-18		1	2.50	100	7.90	1.75	0.009	0.009	0.000	0.001	11/14/2017	12:15
26	I6441-23		1	2.51	100	7.54	1.83	0.015	0.030	0.015	0.020	11/14/2017	12:16
27	CCV3	0.5	1	100	100		2.05	0.000	0.393	0.393	0.507	11/14/2017	12:16
28	CCB3		1	100	100		1.96	0.000	0.000	0.000	0.001	11/14/2017	12:17
29	I6441-29		1	2.54	100	7.47	2.37	0.017	0.017	0.000	0.001	11/14/2017	12:17
30	CCV4	0.5	1	100	100		2.42	0.000	0.392	0.392	0.506	11/14/2017	12:18
31	CCB4		1	100	100		2.38	0.000	0.000	0.000	0.001	11/14/2017	12:18