

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91619

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59658
Calibration Std. hexchrome 0.05 ppm	WP59657
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59660
Calibratation STD Hexa Chrome 0.5 PPM	WP59659
calibration std. hexchrome 0.01 ppm	WP59655
calibration std. hexchrome 0 ppm	WP59654
Hexavalent Chromium ICV Std.	WP59661
Hexavalent Chromium CCV Std	WP59662
hexavalent chromium color reagent	WP59589
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59656

Intercept: -0.0003

Slope: 0.7741

Regression: 0.99999

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	11/15/2017	13:00
2	CAL2	0.01	1	100	100		1.69	0.000	0.007	0.007	11/15/2017	13:00
3	CAL3	0.025	1	100	100		1.85	0.000	0.017	0.017	11/15/2017	13:01
4	CAL4	0.05	1	100	100		2.44	0.000	0.038	0.038	11/15/2017	13:01
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	11/15/2017	13:02
6	CAL6	0.5	1	100	100		2.27	0.000	0.388	0.388	11/15/2017	13:02
7	CAL7	1	1	100	100		2.33	0.000	0.773	0.773	11/15/2017	13:03



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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		1.98	0.000	0.389	0.389	0.503	11/15/2017	13:03
2	ICB		1	100	100		2.20	0.000	0.000	0.000	0.000	11/15/2017	13:04
3	CCV1	0.5	1	100	100		2.34	0.000	0.391	0.391	0.505	11/15/2017	13:04
4	CCB1		1	100	100		1.64	0.000	0.000	0.000	0.000	11/15/2017	13:05
5	PB104259BL		1	2.55	100	7.50	1.78	0.000	0.000	0.000	0.000	11/15/2017	13:05
6	PB104259BS	20	1	2.50	100	7.13	1.94	0.000	0.368	0.368	0.476	11/15/2017	13:06
7	I6289-05		1	2.55	100	7.28	2.31	0.016	0.016	0.000	0.000	11/15/2017	13:06
8	I6302-01		1	2.53	100	7.92	2.41	0.014	0.014	0.000	0.000	11/15/2017	13:07
9	I6302-03		1	2.52	100	7.55	1.63	0.012	0.012	0.000	0.000	11/15/2017	13:07
10	I6302-05		1	2.51	100	7.36	1.80	0.013	0.013	0.000	0.000	11/15/2017	13:08
11	I6305-03		1	2.54	100	7.41	1.72	0.015	0.015	0.000	0.000	11/15/2017	13:08
12	I6305-05		1	2.51	100	7.88	1.55	0.044	0.044	0.000	0.000	11/15/2017	13:09
13	I6305-07		1	2.55	100	7.20	2.16	0.037	0.037	0.000	0.000	11/15/2017	13:09
14	I6305-09		1	2.51	100	7.04	2.10	0.033	0.033	0.000	0.000	11/15/2017	13:10
15	CCV2	0.5	1	100	100		2.40	0.000	0.391	0.391	0.505	11/15/2017	13:10
16	CCB2		1	100	100		1.71	0.000	0.000	0.000	0.000	11/15/2017	13:11
17	I6419-01		1	2.53	100	7.09	1.69	0.013	0.017	0.004	0.006	11/15/2017	13:11
18	I6419-02		1	2.52	100	7.23	1.63	0.012	0.012	0.000	0.000	11/15/2017	13:12
19	I6419-03		1	2.50	100	7.31	2.11	0.013	0.013	0.000	0.000	11/15/2017	13:12
20	I6419-04		1	2.55	100	7.77	2.20	0.020	0.022	0.002	0.003	11/15/2017	13:13
21	I6462-01		1	2.53	100	7.44	1.70	0.015	0.015	0.000	0.000	11/15/2017	13:13
22	I6462-01DUP		1	2.51	100	7.50	1.61	0.014	0.014	0.000	0.000	11/15/2017	13:14
23	I6462-01MSPre	40	2	2.50	100	7.63	1.80	0.016	0.360	0.344	0.445	11/15/2017	13:14
24	I6462-01MS2Ins	1284	40	2.52	100	7.80	1.70	0.014	0.622	0.608	0.786	11/15/2017	13:15
25	I6462-01MS3Post	40	2	2.54	100	7.59	2.34	0.016	0.366	0.350	0.453	11/15/2017	13:15
26	I6476-01		1	2.54	100	7.36	2.25	0.024	0.024	0.000	0.000	11/15/2017	13:16
27	CCV3	0.5	1	100	100		1.89	0.000	0.392	0.392	0.507	11/15/2017	13:16
28	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	11/15/2017	13:17
29	I6476-03		1	2.53	100	7.79	2.03	0.017	0.017	0.000	0.000	11/15/2017	13:17
30	I6476-05		1	2.51	100	7.85	2.21	0.008	0.008	0.000	0.000	11/15/2017	13:18
31	I6479-01		1	2.52	100	7.30	2.33	0.032	0.032	0.000	0.000	11/15/2017	13:18
32	I6479-03		1	2.54	100	7.22	2.41	0.003	0.003	0.000	0.000	11/15/2017	13:19
33	CCV4	0.5	1	100	100		1.77	0.000	0.392	0.392	0.507	11/15/2017	13:19
34	CCB4		1	100	100		1.68	0.000	0.000	0.000	0.000	11/15/2017	13:20