

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91863

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60007
Calibration Std. hexchrome 0.05 ppm	WP60006
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60009
Calibratation STD Hexa Chrome 0.5 PPM	WP60008
calibration std. hexchrome 0.01 ppm	WP60004
calibration std. hexchrome 0 ppm	WP60003
Hexavalent Chromium ICV Std.	WP60010
Hexavalent Chromium CCV Std	WP60011
hexavalent chromium color reagent	WP60013
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60005

Intercept: 0.0004

Slope: 0.775

Regression: 0.999931

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		2.21	0.000	0.000	0.000	11/30/2017	15:00
2	CAL2	0.01	1	100	100		1.76	0.000	0.008	0.008	11/30/2017	15:00
3	CAL3	0.025	1	100	100		1.83	0.000	0.018	0.018	11/30/2017	15:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.037	0.037	11/30/2017	15:01
5	CAL5	0.1	1	100	100		2.38	0.000	0.079	0.079	11/30/2017	15:02
6	CAL6	0.5	1	100	100		2.10	0.000	0.395	0.395	11/30/2017	15:02
7	CAL7	1	1	100	100		1.93	0.000	0.772	0.772	11/30/2017	15:03



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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		2.33	0.000	0.392	0.392	0.505	11/30/2017	15:03
2	ICB		1	100	100		2.06	0.000	0.000	0.000	-0.001	11/30/2017	15:04
3	CCV1	0.5	1	100	100		1.66	0.000	0.393	0.393	0.507	11/30/2017	15:04
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	-0.001	11/30/2017	15:05
5	PB104631BL		1	2.55	100	7.50	2.44	0.000	0.000	0.000	-0.001	11/30/2017	15:05
6	PB104631BS	20	1	2.53	100	7.23	2.39	0.000	0.341	0.341	0.439	11/30/2017	15:06
7	I6289-09		1	2.52	100	7.81	1.69	0.031	0.033	0.002	0.002	11/30/2017	15:06
8	I6300-07		1	2.55	100	7.14	2.30	0.045	0.045	0.000	-0.001	11/30/2017	15:07
9	I6639-01		1	2.50	100	7.36	2.21	0.016	0.016	0.000	-0.001	11/30/2017	15:07
10	I6639-01DUP		1	2.51	100	7.29	1.58	0.015	0.015	0.000	-0.001	11/30/2017	15:08
11	I6639-01MSPre	40	2	2.54	100	7.04	2.05	0.016	0.230	0.214	0.276	11/30/2017	15:08
12	I6639-01MS2Ins	1284	40	2.51	100	7.44	1.87	0.010	0.589	0.579	0.747	11/30/2017	15:09
13	I6639-01MS3Post	40	2	2.52	100	7.51	2.22	0.017	0.240	0.223	0.287	11/30/2017	15:09
14	I6641-01		1	2.50	100	7.77	2.35	0.011	0.011	0.000	-0.001	11/30/2017	15:10
15	CCV2	0.5	1	100	100		2.32	0.000	0.393	0.393	0.507	11/30/2017	15:10
16	CCB2		1	100	100		1.97	0.000	0.000	0.000	-0.001	11/30/2017	15:11
17	I6641-03		1	2.50	100	7.80	1.83	0.110	0.112	0.002	0.002	11/30/2017	15:11
18	I6641-05		1	2.50	100	7.39	1.74	0.011	0.013	0.002	0.002	11/30/2017	15:12
19	CCV3	0.5	1	100	100		2.20	0.000	0.394	0.394	0.508	11/30/2017	15:12
20	CCB3		1	100	100		1.84	0.000	0.000	0.000	-0.001	11/30/2017	15:13