

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90671

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58632
Calibration Std. hexchrome 0.05 ppm	WP58631
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58634
Calibratation STD Hexa Chrome 0.5 PPM	WP58633
calibration std. hexchrome 0.01 ppm	WP58629
calibration std. hexchrome 0 ppm	WP58628
Hexavalent Chromium ICV Std.	WP58635
Hexavalent Chromium CCV Std	WP58636
hexavalent chromium color reagent	WP58638
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58630

Intercept: -0.0003

Slope: 0.78

Regression: 0.999956

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	10/09/2017	13:01
2	CAL2	0.01	1	100	100		1.93	0.000	0.007	0.007	10/09/2017	13:01
3	CAL3	0.025	1	100	100		1.74	0.000	0.016	0.016	10/09/2017	13:02
4	CAL4	0.05	1	100	100		2.46	0.000	0.039	0.039	10/09/2017	13:02
5	CAL5	0.1	1	100	100		2.01	0.000	0.078	0.078	10/09/2017	13:03
6	CAL6	0.5	1	100	100		1.66	0.000	0.395	0.395	10/09/2017	13:03
7	CAL7	1	1	100	100		2.27	0.000	0.777	0.777	10/09/2017	13:04



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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		1.71	0.000	0.389	0.389	0.499	10/09/2017	13:04
2	ICB		1	100	100		2.32	0.000	0.000	0.000	0.000	10/09/2017	13:05
3	CCV1	0.5	1	100	100		2.40	0.000	0.391	0.391	0.502	10/09/2017	13:05
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	0.000	10/09/2017	13:06
5	PB103097BL		1	2.55	100	7.33	1.56	0.000	0.000	0.000	0.000	10/09/2017	13:06
6	PB103097BS	20	1	2.54	100	7.08	1.69	0.000	0.381	0.381	0.489	10/09/2017	13:07
7	I5745-01		1	2.50	100	7.55	2.07	0.015	0.015	0.000	0.000	10/09/2017	13:07
8	I5745-01DUP		1	2.53	100	7.71	1.84	0.014	0.014	0.000	0.000	10/09/2017	13:08
9	I5745-01MSPre	40	2	2.52	100	7.80	2.34	0.016	0.349	0.333	0.427	10/09/2017	13:08
10	I5745-01MS2Ins	1284	40	2.50	100	7.24	2.10	0.017	0.605	0.588	0.754	10/09/2017	13:09
11	I5745-01MS3Post	40	2	2.52	100	7.66	1.62	0.018	0.357	0.339	0.435	10/09/2017	13:09
12	I5745-04		1	2.55	100	7.28	2.44	0.013	0.013	0.000	0.000	10/09/2017	13:10
13	I5745-07		1	2.52	100	7.20	2.25	0.019	0.019	0.000	0.000	10/09/2017	13:10
14	I5748-01		1	2.51	100	7.04	1.89	0.045	0.045	0.000	0.000	10/09/2017	13:11
15	CCV2	0.5	1	100	100		1.70	0.000	0.391	0.391	0.502	10/09/2017	13:11
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.000	10/09/2017	13:12
17	I5748-04		1	2.53	100	7.09	1.66	0.027	0.027	0.000	0.000	10/09/2017	13:12
18	I5748-07		1	2.52	100	7.18	2.45	0.022	0.023	0.001	0.002	10/09/2017	13:13
19	I5749-01		1	2.54	100	7.33	2.31	0.066	0.067	0.001	0.002	10/09/2017	13:13
20	CCV3	0.5	1	100	100		1.78	0.000	0.392	0.392	0.503	10/09/2017	13:14
21	CCB3		1	100	100		1.70	0.000	0.000	0.000	0.000	10/09/2017	13:14