

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92455

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60675
Calibration Std. hexchrome 0.05 ppm	WP60674
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60688
Calibratation STD Hexa Chrome 0.5 PPM	WP60687
calibration std. hexchrome 0.01 ppm	WP60672
calibration std. hexchrome 0 ppm	WP60671
Hexavalent Chromium ICV Std.	WP60689
Hexavalent Chromium CCV Std	WP60690
hexavalent chromium color reagent	WP60692
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60673

Intercept: 0.0005

Slope: 0.7765

Regression: 0.99995

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		2.22	0.000	0.000	0.000	01/02/2018	14:00
2	CAL2	0.01	1	100	100		2.11	0.000	0.008	0.008	01/02/2018	14:00
3	CAL3	0.025	1	100	100		1.62	0.000	0.018	0.018	01/02/2018	14:01
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	01/02/2018	14:01
5	CAL5	0.1	1	100	100		1.52	0.000	0.078	0.078	01/02/2018	14:02
6	CAL6	0.5	1	100	100		2.42	0.000	0.395	0.395	01/02/2018	14:02
7	CAL7	1	1	100	100		2.18	0.000	0.774	0.774	01/02/2018	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		1.78	0.000	0.390	0.390	0.502	01/02/2018	14:03
2	ICB		1	100	100		1.59	0.000	0.000	0.000	-0.001	01/02/2018	14:04
3	CCV1	0.5	1	100	100		2.01	0.000	0.391	0.391	0.503	01/02/2018	14:04
4	CCB1		1	100	100		1.93	0.000	0.000	0.000	-0.001	01/02/2018	14:05
5	PB105428BL		1	2.52	100	7.10	2.18	0.000	0.000	0.000	-0.001	01/02/2018	14:05
6	PB105428BS	20	1	2.55	100	7.44	2.44	0.000	0.387	0.387	0.498	01/02/2018	14:06
7	I6680-21		1	2.54	100	7.80	2.36	0.031	0.031	0.000	-0.001	01/02/2018	14:06
8	I6680-23		1	2.55	100	7.90	1.85	0.026	0.026	0.000	-0.001	01/02/2018	14:07
9	I6680-25		1	2.51	100	7.05	2.31	0.023	0.023	0.000	-0.001	01/02/2018	14:07
10	I6680-27		1	2.51	100	7.09	2.26	0.009	0.009	0.000	-0.001	01/02/2018	14:08
11	I6680-27DUP		1	2.54	100	7.33	2.08	0.010	0.010	0.000	-0.001	01/02/2018	14:08
12	I6680-27MSPre	40	2	2.50	100	7.28	1.92	0.012	0.349	0.337	0.433	01/02/2018	14:09
13	I6680-27MS2Ins	1284	40	2.50	100	7.66	1.77	0.008	0.615	0.607	0.781	01/02/2018	14:09
14	I6680-27MS3Post	40	2	2.53	100	7.25	2.39	0.013	0.355	0.342	0.440	01/02/2018	14:10
15	CCV2	0.5	1	100	100		2.43	0.000	0.391	0.391	0.503	01/02/2018	14:10
16	CCB2		1	100	100		1.61	0.000	0.000	0.000	-0.001	01/02/2018	14:11
17	I6682-07		1	2.52	100	7.34	1.83	0.021	0.021	0.000	-0.001	01/02/2018	14:11
18	I6686-07		1	2.51	100	7.10	2.35	0.015	0.015	0.000	-0.001	01/02/2018	14:12
19	I6993-01		1	2.53	100	7.80	2.21	0.017	0.017	0.000	-0.001	01/02/2018	14:12
20	CCV3	0.5	1	100	100		2.18	0.000	0.392	0.392	0.504	01/02/2018	14:13
21	CCB3		1	100	100		1.76	0.000	0.000	0.000	-0.001	01/02/2018	14:13