

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92282

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60478
Calibration Std. hexchrome 0.05 ppm	WP60477
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60480
Calibratation STD Hexa Chrome 0.5 PPM	WP60479
calibration std. hexchrome 0.01 ppm	WP60475
calibration std. hexchrome 0 ppm	WP60474
Hexavalent Chromium ICV Std.	WP60481
Hexavalent Chromium CCV Std	WP60482
hexavalent chromium color reagent	WP60362
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60476

Intercept: 0.0002

Slope: 0.775

Regression: 0.999943

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		2.17	0.000	0.000	0.000	12/20/2017	13:50
2	CAL2	0.01	1	100	100		2.23	0.000	0.007	0.007	12/20/2017	13:50
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	12/20/2017	13:51
4	CAL4	0.05	1	100	100		1.73	0.000	0.037	0.037	12/20/2017	13:51
5	CAL5	0.1	1	100	100		2.21	0.000	0.079	0.079	12/20/2017	13:52
6	CAL6	0.5	1	100	100		1.68	0.000	0.394	0.394	12/20/2017	13:52
7	CAL7	1	1	100	100		1.90	0.000	0.772	0.772	12/20/2017	13:53



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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		2.08	0.000	0.390	0.390	0.503	12/20/2017	13:53
2	ICB		1	100	100		2.31	0.000	0.000	0.000	0.000	12/20/2017	13:54
3	CCV1	0.5	1	100	100		2.16	0.000	0.391	0.391	0.504	12/20/2017	13:54
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	12/20/2017	13:55
5	PB105227BL		1	2.54	100	7.80	1.65	0.000	0.000	0.000	0.000	12/20/2017	13:55
6	PB105227BS	20	1	2.55	100	7.36	2.29	0.000	0.348	0.348	0.449	12/20/2017	13:56
7	I6681-01		1	2.50	100	7.21	2.11	0.015	0.042	0.027	0.035	12/20/2017	13:56
8	I6681-03		1	2.53	100	7.20	1.87	0.006	0.006	0.000	0.000	12/20/2017	13:57
9	I6681-03DUP		1	2.51	100	7.63	1.62	0.005	0.005	0.000	0.000	12/20/2017	13:57
10	I6681-03MSPre	40	2	2.50	100	7.90	2.06	0.008	0.301	0.293	0.378	12/20/2017	13:58
11	I6681-03MS2Ins	1284	40	2.51	100	7.10	2.19	0.007	0.589	0.582	0.751	12/20/2017	13:58
12	I6681-03MS3Post	40	2	2.52	100	7.54	1.59	0.009	0.314	0.305	0.393	12/20/2017	13:59
13	I6681-05		1	2.51	100	7.31	1.82	0.015	0.018	0.003	0.004	12/20/2017	13:59
14	I6681-07		1	2.52	100	7.88	2.14	0.009	0.009	0.000	0.000	12/20/2017	14:00
15	CCV2	0.5	1	100	100		1.73	0.000	0.392	0.392	0.506	12/20/2017	14:00
16	CCB2		1	100	100		1.94	0.000	0.000	0.000	0.000	12/20/2017	14:01
17	I6988-01		1	2.54	100	7.64	2.10	0.021	0.021	0.000	0.000	12/20/2017	14:01
18	I6990-01		1	2.53	100	7.02	2.38	0.025	0.830	0.805	1.038	12/20/2017	14:02
19	I6990-01		2	2.53	100	7.02	2.38	0.011	0.413	0.402	0.518	12/20/2017	14:02
20	CCV3	0.5	1	100	100		2.22	0.000	0.392	0.392	0.506	12/20/2017	14:03
21	CCB3		1	100	100		1.77	0.000	0.000	0.000	0.000	12/20/2017	14:03