

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92183

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60385
Calibration Std. hexchrome 0.05 ppm	WP60386
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60381
Calibratation STD Hexa Chrome 0.5 PPM	WP60380
calibration std. hexchrome 0.01 ppm	WP60378
calibration std. hexchrome 0 ppm	WP60377
Hexavalent Chromium ICV Std.	WP60382
Hexavalent Chromium CCV Std	WP60383
hexavalent chromium color reagent	WP60362
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60379

Intercept: 0

Slope: 0.7744

Regression: 0.999933

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		2.13	0.000	0.000	0.000	12/15/2017	13:00
2	CAL2	0.01	1	100	100		1.56	0.000	0.006	0.006	12/15/2017	13:00
3	CAL3	0.025	1	100	100		1.72	0.000	0.017	0.017	12/15/2017	13:01
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	12/15/2017	13:01
5	CAL5	0.1	1	100	100		2.03	0.000	0.079	0.079	12/15/2017	13:02
6	CAL6	0.5	1	100	100		2.27	0.000	0.394	0.394	12/15/2017	13:02
7	CAL7	1	1	100	100		2.35	0.000	0.771	0.771	12/15/2017	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		1.78	0.000	0.389	0.389	0.502	12/15/2017	13:03
2	ICB		1	100	100		2.41	0.000	0.000	0.000	0.000	12/15/2017	13:04
3	CCV1	0.5	1	100	100		1.66	0.000	0.391	0.391	0.505	12/15/2017	13:04
4	CCB1		1	100	100		2.15	0.000	0.000	0.000	0.000	12/15/2017	13:05
5	PB105076BL		1	2.54	100	7.11	1.91	0.000	0.000	0.000	0.000	12/15/2017	13:05
6	PB105076BS	20	1	2.52	100	7.62	1.63	0.000	0.368	0.368	0.475	12/15/2017	13:06
7	I6676-05		1	2.55	100	7.41	2.37	0.005	0.005	0.000	0.000	12/15/2017	13:06
8	I6680-11		1	2.51	100	7.35	2.40	0.013	0.013	0.000	0.000	12/15/2017	13:07
9	I6680-13		1	2.52	100	7.32	1.90	0.024	0.024	0.000	0.000	12/15/2017	13:07
10	I6680-15		1	2.55	100	7.26	2.10	0.006	0.011	0.005	0.006	12/15/2017	13:08
11	I6680-17		1	2.54	100	7.10	2.36	0.011	0.011	0.000	0.000	12/15/2017	13:08
12	I6684-03		1	2.53	100	7.18	1.78	0.014	0.014	0.000	0.000	12/15/2017	13:09
13	I6744-05		1	2.52	100	7.07	2.06	0.005	0.005	0.000	0.000	12/15/2017	13:09
14	I6911-01		1	2.50	100	7.44	1.98	0.006	0.024	0.018	0.023	12/15/2017	13:10
15	CCV2	0.5	1	100	100		1.66	0.000	0.391	0.391	0.505	12/15/2017	13:10
16	CCB2		1	100	100		2.34	0.000	0.000	0.000	0.000	12/15/2017	13:11
17	I6911-01DUP		1	2.51	100	7.61	1.66	0.005	0.022	0.017	0.022	12/15/2017	13:11
18	I6911-01MSPre	40	2	2.53	100	7.88	2.40	0.007	0.349	0.342	0.442	12/15/2017	13:12
19	I6911-01MS2Ins	1284	40	2.53	100	7.90	1.88	0.005	0.618	0.613	0.792	12/15/2017	13:12
20	I6911-01MS3Post	40	2	2.53	100	7.53	2.21	0.009	0.355	0.346	0.447	12/15/2017	13:13
21	I6919-01		1	2.53	100	7.61	2.32	0.008	0.008	0.000	0.000	12/15/2017	13:13
22	CCV3	0.5	1	100	100		2.15	0.000	0.392	0.392	0.506	12/15/2017	13:14
23	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	12/15/2017	13:14