

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92011

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60195
Calibration Std. hexchrome 0.05 ppm	WP60194
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60196
Calibratation STD Hexa Chrome 0.5 PPM	WP60193
calibration std. hexchrome 0.01 ppm	WP60191
calibration std. hexchrome 0 ppm	WP60190
Hexavalent Chromium ICV Std.	WP60197
Hexavalent Chromium CCV Std	WP60198
hexavalent chromium color reagent	WP60151
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60192

Intercept: 0.0004

Slope: 0.775

Regression: 0.999935

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	12/07/2017	14:00
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	12/07/2017	14:00
3	CAL3	0.025	1	100	100		2.31	0.000	0.018	0.018	12/07/2017	14:01
4	CAL4	0.05	1	100	100		2.16	0.000	0.039	0.039	12/07/2017	14:01
5	CAL5	0.1	1	100	100		1.98	0.000	0.078	0.078	12/07/2017	14:02
6	CAL6	0.5	1	100	100		1.74	0.000	0.395	0.395	12/07/2017	14:02
7	CAL7	1	1	100	100		2.46	0.000	0.772	0.772	12/07/2017	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		2.10	0.000	0.389	0.389	0.501	12/07/2017	14:03
2	ICB		1	100	100		2.37	0.000	0.000	0.000	-0.001	12/07/2017	14:04
3	CCV1	0.5	1	100	100		1.88	0.000	0.390	0.390	0.503	12/07/2017	14:04
4	CCB1		1	100	100		1.71	0.000	0.000	0.000	-0.001	12/07/2017	14:05
5	PB104829BL		1	2.52	100	7.11	1.55	0.000	0.000	0.000	-0.001	12/07/2017	14:05
6	PB104829BS	20	1	2.50	100	7.55	2.40	0.000	0.355	0.355	0.458	12/07/2017	14:06
7	I6676-03		1	2.50	100	7.61	2.39	0.007	0.007	0.000	-0.001	12/07/2017	14:06
8	I6676-03DUP		1	2.51	100	7.30	1.80	0.005	0.005	0.000	-0.001	12/07/2017	14:07
9	I6676-03MSPre	40	2	2.55	100	7.25	1.96	0.009	0.202	0.193	0.249	12/07/2017	14:07
10	I6676-03MS2Ins	1284	40	2.53	100	7.27	2.08	0.008	0.597	0.589	0.759	12/07/2017	14:08
11	I6676-03MS3Post	40	2	2.51	100	7.69	1.72	0.011	0.307	0.296	0.381	12/07/2017	14:08
12	I6680-01		1	2.54	100	7.81	1.61	0.022	0.022	0.000	-0.001	12/07/2017	14:09
13	I6680-03		1	2.53	100	7.74	2.23	0.009	0.009	0.000	-0.001	12/07/2017	14:09
14	I6680-05		1	2.51	100	7.36	2.31	0.014	0.014	0.000	-0.001	12/07/2017	14:10
15	CCV2	0.5	1	100	100		2.46	0.000	0.390	0.390	0.503	12/07/2017	14:10
16	CCB2		1	100	100		1.66	0.000	0.000	0.000	-0.001	12/07/2017	14:11
17	I6680-07		1	2.50	100	7.20	1.94	0.007	0.008	0.001	0.001	12/07/2017	14:11
18	I6680-09		1	2.55	100	7.66	1.69	0.009	0.009	0.000	-0.001	12/07/2017	14:12
19	I6684-01		1	2.54	100	7.73	2.05	0.015	0.015	0.000	-0.001	12/07/2017	14:12
20	I6686-01		1	2.52	100	7.22	2.40	0.004	0.004	0.000	-0.001	12/07/2017	14:13
21	CCV3	0.5	1	100	100		2.37	0.000	0.391	0.391	0.504	12/07/2017	14:13
22	CCB3		1	100	100		2.31	0.000	0.000	0.000	-0.001	12/07/2017	14:14