

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91120

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59107
Calibration Std. hexchrome 0.05 ppm	WP59106
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59109
Calibratation STD Hexa Chrome 0.5 PPM	WP59108
calibration std. hexchrome 0.01 ppm	WP59104
calibration std. hexchrome 0 ppm	WP59103
Hexavalent Chromium ICV Std.	WP59110
Hexavalent Chromium CCV Std	WP59111
hexavalent chromium color reagent	WP58994
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59105

Intercept: -0

Slope: 0.7741

Regression: 0.999942

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		2.12	0.000	0.000	0.000	10/26/2017	12:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	10/26/2017	12:00
3	CAL3	0.025	1	100	100		1.75	0.000	0.016	0.016	10/26/2017	12:01
4	CAL4	0.05	1	100	100		2.23	0.000	0.038	0.038	10/26/2017	12:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.079	0.079	10/26/2017	12:02
6	CAL6	0.5	1	100	100		2.47	0.000	0.393	0.393	10/26/2017	12:02
7	CAL7	1	1	100	100		2.36	0.000	0.771	0.771	10/26/2017	12:03



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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		2.33	0.000	0.390	0.390	0.504	10/26/2017	12:03
2	ICB		1	100	100		2.12	0.000	0.000	0.000	0.000	10/26/2017	12:04
3	CCV1	0.5	1	100	100		1.78	0.000	0.391	0.391	0.505	10/26/2017	12:04
4	CCB1		1	100	100		1.86	0.000	0.000	0.000	0.000	10/26/2017	12:05
5	PB103671BL		1	2.55	100	7.33	1.59	0.000	0.000	0.000	0.000	10/26/2017	12:05
6	PB103671BS	20	1	2.50	100	7.84	2.31	0.000	0.365	0.365	0.472	10/26/2017	12:06
7	I6109-01		1	2.53	100	7.26	1.90	0.119	0.120	0.001	0.001	10/26/2017	12:06
8	I6112-01		1	2.55	100	7.31	1.86	0.038	0.038	0.000	0.000	10/26/2017	12:07
9	I6112-05		1	2.50	100	7.22	2.44	0.017	0.017	0.000	0.000	10/26/2017	12:07
10	I6112-09		1	2.51	100	7.60	2.21	0.054	0.063	0.009	0.012	10/26/2017	12:08
11	I6112-13		1	2.54	100	7.12	1.60	0.033	0.033	0.000	0.000	10/26/2017	12:08
12	I6112-17		1	2.53	100	7.05	1.78	0.047	0.047	0.000	0.000	10/26/2017	12:09
13	I6112-21		1	2.55	100	7.14	1.92	0.041	0.041	0.000	0.000	10/26/2017	12:09
14	I6113-01		1	2.50	100	7.28	2.13	0.011	0.011	0.000	0.000	10/26/2017	12:10
15	CCV2	0.5	1	100	100		2.02	0.000	0.391	0.391	0.505	10/26/2017	12:10
16	CCB2		1	100	100		2.21	0.000	0.000	0.000	0.000	10/26/2017	12:11
17	I6113-01DUP		1	2.53	100	7.44	1.79	0.010	0.010	0.000	0.000	10/26/2017	12:11
18	I6113-01MSPre	40	2	2.52	100	7.57	1.91	0.013	0.350	0.337	0.435	10/26/2017	12:12
19	I6113-01MS2Ins	1284	40	2.52	100	7.69	2.18	0.012	0.608	0.596	0.770	10/26/2017	12:12
20	I6113-01MS3Post	40	2	2.52	100	7.81	2.35	0.015	0.357	0.342	0.442	10/26/2017	12:13
21	I6117-01		1	2.54	100	7.78	2.59	0.022	0.022	0.000	0.000	10/26/2017	12:13
22	CCV3	0.5	1	100	100		1.66	0.000	0.392	0.392	0.506	10/26/2017	12:14
23	CCB3		1	100	100		2.12	0.000	0.000	0.000	0.000	10/26/2017	12:14