

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90183

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58061
Calibration Std. hexchrome 0.05 ppm	WP58060
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58063
Calibratation STD Hexa Chrome 0.5 PPM	WP58062
calibration std. hexchrome 0.01 ppm	WP58058
calibration std. hexchrome 0 ppm	WP58057
Hexavalent Chromium ICV Std.	WP58064
Hexavalent Chromium CCV Std	WP58065
hexavalent chromium color reagent	WP58042
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP58059

Intercept: 0.0004

Slope: 0.7738

Regression: 0.9999

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		2.15	0.000	0.000	0.000	09/20/2017	13:00
2	CAL2	0.01	1	100	100		2.01	0.000	0.007	0.007	09/20/2017	13:00
3	CAL3	0.025	1	100	100		1.96	0.000	0.017	0.017	09/20/2017	13:01
4	CAL4	0.05	1	100	100		2.41	0.000	0.039	0.039	09/20/2017	13:01
5	CAL5	0.1	1	100	100		1.60	0.000	0.078	0.078	09/20/2017	13:02
6	CAL6	0.5	1	100	100		1.58	0.000	0.396	0.396	09/20/2017	13:02
7	CAL7	1	1	100	100		2.30	0.000	0.770	0.770	09/20/2017	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		2.43	0.000	0.389	0.389	0.502	09/20/2017	13:03
2	ICB		1	100	100		2.25	0.000	0.000	0.000	-0.001	09/20/2017	13:04
3	CCV1	0.5	1	100	100		2.10	0.000	0.391	0.391	0.505	09/20/2017	13:04
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	-0.001	09/20/2017	13:05
5	PB102453BL		1	2.54	100	7.10	2.04	0.000	0.000	0.000	-0.001	09/20/2017	13:05
6	PB102453BS	20	1	2.53	100	7.63	1.69	0.000	0.372	0.372	0.480	09/20/2017	13:06
7	I5308-01		1	2.50	100	7.22	1.73	0.012	0.012	0.000	-0.001	09/20/2017	13:06
8	I5308-05		1	2.50	100	7.15	1.66	0.010	0.010	0.000	-0.001	09/20/2017	13:07
9	I5310-01		1	2.53	100	7.62	2.03	0.011	0.011	0.000	-0.001	09/20/2017	13:07
10	I5310-04		1	2.53	100	7.90	2.20	0.017	0.017	0.000	-0.001	09/20/2017	13:08
11	I5310-04DUP		1	2.53	100	7.84	1.89	0.018	0.018	0.000	-0.001	09/20/2017	13:08
12	I5310-04MSPre	40	2	2.50	100	7.60	2.08	0.018	0.188	0.170	0.219	09/20/2017	13:09
13	I5310-04MS2Ins	1284	40	2.53	100	7.25	2.33	0.019	0.610	0.591	0.763	09/20/2017	13:09
14	I5310-04MS3Post	40	2	2.54	100	7.33	1.77	0.019	0.360	0.341	0.440	09/20/2017	13:10
15	CCV2	0.5	1	100	100		1.66	0.000	0.391	0.391	0.505	09/20/2017	13:10
16	CCB2		1	100	100		2.35	0.000	0.000	0.000	-0.001	09/20/2017	13:11
17	I5311-01		1	2.53	100	7.04	2.21	0.014	0.014	0.000	-0.001	09/20/2017	13:11
18	I5312-01		1	2.55	100	7.60	1.79	0.022	0.022	0.000	-0.001	09/20/2017	13:12
19	I5313-01		1	2.53	100	7.77	1.84	0.006	0.006	0.000	-0.001	09/20/2017	13:12
20	CCV3	0.5	1	100	100		2.22	0.000	0.392	0.392	0.506	09/20/2017	13:13
21	CCB3		1	100	100		2.36	0.000	0.000	0.000	-0.001	09/20/2017	13:13