

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87012

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54383
Calibration Std. hexchrome 0.05 ppm	WP54381
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54385
Calibratation STD Hexa Chrome 0.5 PPM	WP54384
calibration std. hexchrome 0.01 ppm	WP54379
calibration std. hexchrome 0 ppm	WP54378
Hexavalent Chromium ICV Std.	WP54386
Hexavalent Chromium CCV Std	WP54387
hexavalent chromium color reagent	WP54334
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54380

Intercept: 0.0005

Slope: 0.7802

Regression: 0.99996

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		2.30	0.000	0.000	0.000	04/21/2017	14:10
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	04/21/2017	14:10
3	CAL3	0.025	1	100	100		1.76	0.000	0.018	0.018	04/21/2017	14:11
4	CAL4	0.05	1	100	100		2.41	0.000	0.039	0.039	04/21/2017	14:11
5	CAL5	0.1	1	100	100		1.98	0.000	0.079	0.079	04/21/2017	14:12
6	CAL6	0.5	1	100	100		1.70	0.000	0.396	0.396	04/21/2017	14:12
7	CAL7	1	1	100	100		2.15	0.000	0.778	0.778	04/21/2017	14:13



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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		1.63	0.000	0.393	0.393	0.503	04/21/2017	14:13
2	ICB		1	100	100		2.29	0.000	0.000	0.000	-0.001	04/21/2017	14:14
3	CCV1	0.5	1	100	100		2.31	0.000	0.394	0.394	0.504	04/21/2017	14:15
4	CCB1		1	100	100		2.14	0.000	0.000	0.000	-0.001	04/21/2017	14:15
5	PB98405BL		1	2.50	100	7.09	1.56	0.000	0.000	0.000	-0.001	04/21/2017	14:16
6	PB98405BS	20	1	2.52	100	7.33	1.87	0.000	0.368	0.368	0.471	04/21/2017	14:16
7	I2784-01		1	2.54	100	7.02	2.34	0.015	0.015	0.000	-0.001	04/21/2017	14:17
8	I2784-01DUP		1	2.53	100	7.20	2.46	0.014	0.014	0.000	-0.001	04/21/2017	14:17
9	I2784-01MSPre	40	2	2.51	100	7.40	1.77	0.006	0.342	0.336	0.430	04/21/2017	14:18
10	I2784-01MS2Ins	1284	40	2.55	100	7.81	2.21	0.007	0.609	0.602	0.771	04/21/2017	14:18
11	I2784-01MS3Post	40	2	2.54	100	7.66	2.35	0.008	0.354	0.346	0.443	04/21/2017	14:19
12	I2784-03		1	2.53	100	7.43	1.71	0.020	0.022	0.002	0.002	04/21/2017	14:19
13	I2790-01		1	2.52	100	7.75	1.65	0.059	0.060	0.001	0.001	04/21/2017	14:20
14	I2790-04		1	2.55	100	7.32	2.30	0.026	0.028	0.002	0.002	04/21/2017	14:20
15	CCV2	0.5	1	100	100		2.27	0.000	0.394	0.394	0.504	04/21/2017	14:21
16	CCB2		1	100	100		2.43	0.000	0.000	0.000	-0.001	04/21/2017	14:21