

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87110

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54483
Calibration Std. hexchrome 0.05 ppm	WP54482
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54485
Calibratation STD Hexa Chrome 0.5 PPM	WP54484
calibration std. hexchrome 0.01 ppm	WP54480
calibration std. hexchrome 0 ppm	WP54479
Hexavalent Chromium ICV Std.	WP54496
Hexavalent Chromium CCV Std	WP54497
hexavalent chromium color reagent	WP54466
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54481

Intercept: -0.0001

Slope: 0.7813

Regression: 0.999941

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	04/27/2017	10:50
2	CAL2	0.01	1	100	100		1.79	0.000	0.006	0.006	04/27/2017	10:50
3	CAL3	0.025	1	100	100		2.40	0.000	0.017	0.017	04/27/2017	10:51
4	CAL4	0.05	1	100	100		2.28	0.000	0.039	0.039	04/27/2017	10:51
5	CAL5	0.1	1	100	100		1.84	0.000	0.079	0.079	04/27/2017	10:52
6	CAL6	0.5	1	100	100		1.62	0.000	0.397	0.397	04/27/2017	10:52
7	CAL7	1	1	100	100		2.21	0.000	0.778	0.778	04/27/2017	10:53



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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		2.01	0.000	0.393	0.393	0.503	04/27/2017	10:53
2	ICB		1	100	100		2.14	0.000	0.000	0.000	0.000	04/27/2017	10:54
3	CCV1	0.5	1	100	100		2.25	0.000	0.394	0.394	0.504	04/27/2017	12:30
4	CCB1		1	100	100		2.40	0.000	0.000	0.000	0.000	04/27/2017	12:30
5	PB98523BL		1	2.51	100	7.40	1.92	0.000	0.000	0.000	0.000	04/27/2017	12:31
6	PB98523BS	20	1	2.53	100	7.10	1.86	0.001	0.390	0.389	0.498	04/27/2017	12:31
7	I2869-01		1	2.52	100	7.55	2.30	0.020	0.022	0.002	0.003	04/27/2017	12:32
8	I2870-01		1	2.53	100	7.71	1.99	0.024	0.024	0.000	0.000	04/27/2017	12:32
9	I2870-01DUP		1	2.54	100	7.25	1.67	0.022	0.023	0.001	0.001	04/27/2017	12:33
10	I2870-01MSPre	40	2	2.55	100	7.13	2.25	0.029	0.139	0.110	0.141	04/27/2017	12:33
11	I2870-01MS2Ins	1284	40	2.52	100	7.58	2.39	0.026	0.611	0.585	0.749	04/27/2017	12:34
12	I2870-01MS3Post	40	2	2.55	100	7.84	1.80	0.028	0.225	0.197	0.252	04/27/2017	12:34
13	I2872-09		1	2.55	100	7.90	1.54	0.046	2.244	2.198	2.813	04/27/2017	12:35
14	I2872-09		10	2.55	100	7.90	1.54	0.003	0.273	0.270	0.346	04/27/2017	12:35
15	CCV2	0.5	1	100	100		2.21	0.000	0.395	0.395	0.506	04/27/2017	12:36
16	CCB2		1	100	100		2.13	0.000	0.000	0.000	0.000	04/27/2017	12:36