

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB85864

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP52972
Calibration Std. hexchrome 0.05 ppm	WP52971
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP52974
Calibratation STD Hexa Chrome 0.5 PPM	WP52973
calibration std. hexchrome 0.01 ppm	WP52969
calibration std. hexchrome 0 ppm	WP52968
Hexavalent Chromium ICV Std.	WP52976
Hexavalent Chromium CCV Std	WP52977
hexavalent chromium color reagent	WP52813
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP52970

Intercept: -0

Slope: 0.7106

Regression: 0.999992

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	PH HN03	PH H2so4	Absorbance		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.81	0.000	0.000	0.000	02/16/2017	13:00
2	CAL2	0.01	1	100	100		2.04	0.000	0.006	0.006	02/16/2017	13:00
3	CAL3	0.025	1	100	100		1.59	0.000	0.017	0.017	02/16/2017	13:01
4	CAL4	0.05	1	100	100		1.72	0.000	0.037	0.037	02/16/2017	13:01
5	CAL5	0.1	1	100	100		2.44	0.000	0.072	0.072	02/16/2017	13:02
6	CAL6	0.5	1	100	100		2.28	0.000	0.354	0.354	02/16/2017	13:02
7	CAL7	1	1	100	100		2.37	0.000	0.711	0.711	02/16/2017	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	Absorbance		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.31	0.000	0.359	0.359	0.505	02/16/2017	13:03
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	02/16/2017	13:04
3	CCV1	0.5	1	100	100		2.40	0.000	0.361	0.361	0.508	02/16/2017	13:04
4	CCB1		1	100	100		2.36	0.000	0.000	0.000	0.000	02/16/2017	13:05
5	PB96984BL		1	2.53	100	7.50	1.75	0.000	0.000	0.000	0.000	02/16/2017	13:05
6	PB96984BS	20	1	2.54	100	7.04	2.06	0.000	0.360	0.360	0.507	02/16/2017	13:06
7	I1850-05		1	2.51	100	7.36	1.94	0.017	0.017	0.000	0.000	02/16/2017	13:06
8	I1850-05DUP		1	2.53	100	7.40	1.88	0.016	0.016	0.000	0.000	02/16/2017	13:07
9	I1850-05MSPre	40	2	2.52	100	7.22	2.07	0.004	0.154	0.150	0.211	02/16/2017	13:07
10	I1850-05MS2Ins	1284	40	2.51	100	7.30	2.33	0.007	0.552	0.545	0.767	02/16/2017	13:08
11	I1850-05MS3Post	40	2	2.53	100	7.60	2.49	0.012	0.198	0.186	0.262	02/16/2017	13:08
12	I1859-01		1	2.54	100	7.11	1.72	0.008	0.009	0.001	0.001	02/16/2017	13:09
13	I1859-06		1	2.50	100	7.84	2.25	0.007	0.007	0.000	0.000	02/16/2017	13:09
14	I1859-11		1	2.52	100	7.04	2.18	0.010	0.010	0.000	0.000	02/16/2017	13:10
15	CCV2	0.5	1	100	100		1.65	0.000	0.361	0.361	0.508	02/16/2017	13:10
16	CCB2		1	100	100		2.34	0.000	0.000	0.000	0.000	02/16/2017	13:10