

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86503

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP53684
Calibration Std. hexchrome 0.05 ppm	WP53683
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP53686
Calibratation STD Hexa Chrome 0.5 PPM	WP53685
calibration std. hexchrome 0.01 ppm	WP53681
calibration std. hexchrome 0 ppm	WP53680
Hexavalent Chromium ICV Std.	WP53687
Hexavalent Chromium CCV Std	WP53688
hexavalent chromium color reagent	WP53298
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP53682

Intercept: -0.0002

Slope: 0.7859

Regression: 0.99998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	PH HNO3	PH H2so4	Absorbance		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.33	0.000	0.000	0.000	03/22/2017	11:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.006	0.006	03/22/2017	11:00
3	CAL3	0.025	1	100	100		1.94	0.000	0.018	0.018	03/22/2017	11:01
4	CAL4	0.05	1	100	100		2.46	0.000	0.039	0.039	03/22/2017	11:01
5	CAL5	0.1	1	100	100		2.17	0.000	0.080	0.080	03/22/2017	11:02
6	CAL6	0.5	1	100	100		2.31	0.000	0.396	0.396	03/22/2017	11:02
7	CAL7	1	1	100	100		1.55	0.000	0.784	0.784	03/22/2017	11:03

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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		2.11	0.000	0.400	0.400	0.509	03/22/2017	11:03
2	ICB		1	100	100		2.56	0.000	0.000	0.000	0.000	03/22/2017	11:04
3	CCV1	0.5	1	100	100		2.14	0.000	0.395	0.395	0.503	03/22/2017	14:05
4	CCB1		1	100	100		1.51	0.000	0.000	0.000	0.000	03/22/2017	14:05
5	PB97749BL		1	2.51	100	7.52	1.63	0.000	0.000	0.000	0.000	03/22/2017	14:06
6	PB97749BS	20	1	2.52	100	7.10	2.24	0.000	0.379	0.379	0.483	03/22/2017	14:06
7	I2348-04		1	2.54	100	7.54	2.35	0.010	0.014	0.004	0.005	03/22/2017	14:07
8	I2348-04DUP		1	2.55	100	7.46	1.68	0.010	0.014	0.004	0.005	03/22/2017	14:07
9	I2348-04MSPre	40	2	2.53	100	7.81	1.93	0.003	0.150	0.147	0.187	03/22/2017	14:08
10	I2348-04MS2Ins	1284	40	2.50	100	7.77	2.27	0.002	0.582	0.580	0.738	03/22/2017	14:08
11	I2348-04MS3Post	40	2	2.51	100	7.30	2.16	0.000	0.195	0.195	0.248	03/22/2017	14:09
12	I2349-01		1	2.55	100	7.69	1.88	0.020	0.020	0.000	0.000	03/22/2017	14:09
13	I2350-01		1	2.50	100	7.25	1.79	0.030	0.030	0.000	0.000	03/22/2017	14:10
14	I2350-06		1	2.54	100	7.13	2.36	0.028	0.028	0.000	0.000	03/22/2017	14:10
15	CCV2	0.5	1	100	100		2.20	0.000	0.394	0.394	0.502	03/22/2017	14:11
16	CCB2		1	100	100		1.91	0.000	0.000	0.000	0.000	03/22/2017	14:11
17	I2350-11		1	2.50	100	7.58	1.53	0.035	0.036	0.001	0.002	03/22/2017	14:12
18	I2350-16		1	2.53	100	7.24	2.16	0.026	0.026	0.000	0.000	03/22/2017	14:12
19	CCV3	0.5	1	100	100		2.27	0.000	0.394	0.394	0.502	03/22/2017	14:13
20	CCB3		1	100	100		2.49	0.000	0.000	0.000	0.000	03/22/2017	14:13