

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86609

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP53849
Calibration Std. hexchrome 0.05 ppm	WP53847
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP53851
Calibratation STD Hexa Chrome 0.5 PPM	WP53850
calibration std. hexchrome 0.01 ppm	WP53846
calibration std. hexchrome 0 ppm	WP53845
Hexavalent Chromium ICV Std.	WP53852
Hexavalent Chromium CCV Std	WP53853
hexavalent chromium color reagent	WP53298
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP53848

Intercept: 0.0003

Slope: 0.7796

Regression: 0.999954

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		2.13	0.000	0.000	0.000	03/29/2017	12:10
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	03/29/2017	12:10
3	CAL3	0.025	1	100	100		1.56	0.000	0.018	0.018	03/29/2017	12:11
4	CAL4	0.05	1	100	100		2.44	0.000	0.039	0.039	03/29/2017	12:11
5	CAL5	0.1	1	100	100		1.37	0.000	0.079	0.079	03/29/2017	12:12
6	CAL6	0.5	1	100	100		2.30	0.000	0.396	0.396	03/29/2017	12:12
7	CAL7	1	1	100	100		2.22	0.000	0.777	0.777	03/29/2017	12:13



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Run Number: LB86609

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		1.60	0.000	0.389	0.389	0.499	03/29/2017	12:13
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	03/29/2017	12:14
3	CCV1	0.5	1	100	100		2.11	0.000	0.390	0.390	0.500	03/29/2017	12:14
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	0.000	03/29/2017	12:15
5	PB97915BL		1	2.55	100	7.33	2.37	0.000	0.000	0.000	0.000	03/29/2017	12:15
6	PB97915BS	20	1	2.51	100	7.24	2.24	0.000	0.361	0.361	0.463	03/29/2017	12:16
7	I2422-01		1	2.54	100	7.91	1.88	0.014	0.016	0.002	0.002	03/29/2017	12:16
8	I2422-01DUP		1	2.52	100	7.86	1.76	0.015	0.017	0.002	0.002	03/29/2017	12:17
9	I2422-01MSPre	40	2	2.50	100	7.44	2.19	0.009	0.110	0.101	0.129	03/29/2017	12:17
10	I2422-01MS2Ins	1284	40	2.55	100	7.52	2.33	0.004	0.607	0.603	0.773	03/29/2017	12:18
11	I2422-01MS3Post	40	2	2.54	100	7.20	1.60	0.015	0.168	0.153	0.196	03/29/2017	12:18
12	I2440-01		1	2.51	100	7.53	1.96	0.015	0.016	0.001	0.001	03/29/2017	12:19
13	I2440-04		1	2.52	100	7.66	2.38	0.004	0.004	0.000	0.000	03/29/2017	12:19
14	CCV2	0.5	1	100	100		2.44	0.000	0.390	0.390	0.500	03/29/2017	12:20
15	CCB2		1	100	100		2.20	0.000	0.000	0.000	0.000	03/29/2017	12:20