

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB85154

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP51848
Calibration Std. hexchrome 0.05 ppm	WP51847
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP51850
Calibratation STD Hexa Chrome 0.5 PPM	WP51849
calibration std. hexchrome 0.01 ppm	WP51845
calibration std. hexchrome 0 ppm	WP51844
Hexavalent Chromium ICV Std.	WP51851
Hexavalent Chromium CCV Std	WP51852
hexavalent chromium color reagent	WP51843
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP51846

Intercept: 0.0004

Slope: 0.7759

Regression: 0.999899

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		2.10	0.000	0.000	0.000	01/03/2017	12:05
2	CAL2	0.01	1	100	100		2.29	0.000	0.007	0.007	01/03/2017	12:05
3	CAL3	0.025	1	100	100		2.33	0.000	0.018	0.018	01/03/2017	12:06
4	CAL4	0.05	1	100	100		2.04	0.000	0.037	0.037	01/03/2017	12:06
5	CAL5	0.1	1	100	100		2.11	0.000	0.079	0.079	01/03/2017	12:07
6	CAL6	0.5	1	100	100		2.27	0.000	0.397	0.397	01/03/2017	12:07
7	CAL7	1	1	100	100		2.36	0.000	0.772	0.772	01/03/2017	12:08

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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		2.14	0.000	0.390	0.390	0.502	01/03/2017	12:08
2	ICB		1	100	100		2.21	0.000	0.000	0.000	-0.001	01/03/2017	12:09
3	CCV1	0.5	1	100	100		2.40	0.000	0.389	0.389	0.501	01/03/2017	12:09
4	CCB1		1	100	100		0.00	0.000	0.000	0.000	-0.001	01/03/2017	12:10
5	PB95736BL		1	2.50	100	7.25	2.22	0.000	0.000	0.000	-0.001	01/03/2017	12:10
6	PB95736BS	20	1	2.51	100	7.34	2.04	0.000	0.349	0.349	0.449	01/03/2017	12:11
7	H6322-03		1	2.52	100	7.19	2.26	0.053	0.053	0.000	-0.001	01/03/2017	12:11
8	H6322-03DUP		1	2.52	100	7.12	2.18	0.053	0.053	0.000	-0.001	01/03/2017	12:12
9	H6322-03MSPre	40	2	2.51	100	7.39	2.35	0.061	0.073	0.012	0.015	01/03/2017	12:12
10	H6322-03MS2Ins	1284	40	2.51	100	7.42	2.41	0.006	0.627	0.621	0.800	01/03/2017	12:13
11	H6322-03MS3Post	40	2	2.51	100	7.30	2.23	0.067	0.082	0.015	0.019	01/03/2017	12:13
12	CCV2	0.5	1	100	100		2.11	0.000	0.390	0.390	0.502	01/03/2017	12:14
13	CCB2		1	100	100		2.09	0.000	0.000	0.000	-0.001	01/03/2017	12:14