

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB85221

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP51953
Calibration Std. hexchrome 0.05 ppm	WP51951
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP51955
Calibratation STD Hexa Chrome 0.5 PPM	WP51954
calibration std. hexchrome 0.01 ppm	WP51950
calibration std. hexchrome 0 ppm	WP51949
Hexavalent Chromium ICV Std.	WP51956
Hexavalent Chromium CCV Std	WP51957
hexavalent chromium color reagent	WP51959
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP51952

Intercept: 0.0001

Slope: 0.777

Regression: 0.999906

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		2.39	0.000	0.000	0.000	01/06/2017	12:50
2	CAL2	0.01	1	100	100		2.22	0.000	0.006	0.006	01/06/2017	12:50
3	CAL3	0.025	1	100	100		2.31	0.000	0.017	0.017	01/06/2017	12:51
4	CAL4	0.05	1	100	100		2.44	0.000	0.039	0.039	01/06/2017	12:51
5	CAL5	0.1	1	100	100		2.17	0.000	0.078	0.078	01/06/2017	12:52
6	CAL6	0.5	1	100	100		2.26	0.000	0.397	0.397	01/06/2017	12:52
7	CAL7	1	1	100	100		2.25	0.000	0.773	0.773	01/06/2017	12:53



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Run Number: LB85221

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		2.36	0.000	0.392	0.392	0.504	01/06/2017	12:54
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.000	01/06/2017	12:54
3	CCV1	0.5	1	100	100		2.11	0.000	0.390	0.390	0.502	01/06/2017	12:55
4	CCB1		1	100	100		2.42	0.000	0.000	0.000	0.000	01/06/2017	12:55
5	PB95814BL		1	2.53	100	7.26	2.16	0.000	0.000	0.000	0.000	01/06/2017	12:56
6	PB95814BS	20	1	2.50	100	7.32	2.28	0.002	0.368	0.366	0.471	01/06/2017	12:56
7	I1025-03		1	2.55	100	7.14	2.35	0.057	0.057	0.000	0.000	01/06/2017	12:57
8	I1045-01		1	2.51	100	7.28	2.19	0.020	0.020	0.000	0.000	01/06/2017	12:57
9	I1045-01DUP		1	2.51	100	7.30	2.22	0.020	0.020	0.000	0.000	01/06/2017	12:58
10	I1045-01MSPre	40	2	2.51	100	7.41	2.26	0.009	0.324	0.315	0.405	01/06/2017	12:58
11	I1045-01MS2Ins	1284	40	2.51	100	7.13	2.31	0.011	0.639	0.628	0.808	01/06/2017	12:59
12	I1045-01MS3Post	40	2	2.51	100	7.42	2.34	0.014	0.345	0.331	0.426	01/06/2017	12:59
13	I1045-02		1	2.52	100	7.04	2.09	0.016	0.016	0.000	0.000	01/06/2017	13:00
14	I1045-03		1	2.51	100	7.10	2.24	0.015	0.015	0.000	0.000	01/06/2017	13:00
15	CCV2	0.5	1	100	100		2.12	0.000	0.391	0.391	0.503	01/06/2017	13:01
16	CCB2		1	100	100		2.30	0.000	0.000	0.000	0.000	01/06/2017	13:01
17	I1045-04		1	2.54	100	7.24	2.41	0.009	0.009	0.000	0.000	01/06/2017	13:02
18	I1045-05		1	2.53	100	7.19	2.25	0.016	0.016	0.000	0.000	01/06/2017	13:02
19	I1045-06		1	2.52	100	7.33	2.06	0.019	0.019	0.000	0.000	01/06/2017	13:03
20	CCV3	0.5	1	100	100		2.10	0.000	0.390	0.390	0.502	01/06/2017	13:03
21	CCB3		1	100	100		2.27	0.000	0.000	0.000	0.000	01/06/2017	13:04