

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86052

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP53199
Calibration Std. hexchrome 0.05 ppm	WP53198
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP53201
Calibratation STD Hexa Chrome 0.5 PPM	WP53200
calibration std. hexchrome 0.01 ppm	WP53196
calibration std. hexchrome 0 ppm	WP53195
Hexavalent Chromium ICV Std.	WP53203
Hexavalent Chromium CCV Std	WP53204
hexavalent chromium color reagent	WP53079
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP53197

Intercept: -0.0005

Slope: 0.7809

Regression: 0.999929

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		2.04	0.000	0.000	0.000	02/27/2017	13:01
2	CAL2	0.01	1	100	100		1.81	0.000	0.008	0.008	02/27/2017	13:01
3	CAL3	0.025	1	100	100		2.37	0.000	0.016	0.016	02/27/2017	13:02
4	CAL4	0.05	1	100	100		1.56	0.000	0.037	0.037	02/27/2017	13:02
5	CAL5	0.1	1	100	100		2.40	0.000	0.077	0.077	02/27/2017	13:03
6	CAL6	0.5	1	100	100		2.21	0.000	0.397	0.397	02/27/2017	13:03
7	CAL7	1	1	100	100		1.77	0.000	0.777	0.777	02/27/2017	13:04



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Run Number: LB86052

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		2.30	0.000	0.383	0.383	0.491	02/27/2017	13:04
2	ICB		1	100	100		1.99	0.000	0.000	0.000	0.001	02/27/2017	13:05
3	CCV1	0.5	1	100	100		2.06	0.000	0.385	0.385	0.494	02/27/2017	13:05
4	CCB1		1	100	100		2.38	0.000	0.000	0.000	0.001	02/27/2017	13:06
5	PB97203BL		1	2.52	100	7.22	2.18	0.000	0.000	0.000	0.001	02/27/2017	13:06
6	PB97203BS	20	1	2.51	100	7.80	2.10	0.000	0.379	0.379	0.486	02/27/2017	13:07
7	I1989-01		1	2.55	100	7.13	2.22	0.040	0.042	0.002	0.003	02/27/2017	13:07
8	I1990-01		1	2.54	100	7.32	2.41	0.018	0.018	0.000	0.001	02/27/2017	13:08
9	I1991-01		1	2.50	100	7.15	1.54	0.006	0.008	0.002	0.003	02/27/2017	13:08
10	I1992-01		1	2.53	100	7.04	1.60	0.017	0.017	0.000	0.001	02/27/2017	13:09
11	I1992-03		1	2.50	100	7.58	2.31	0.019	0.020	0.001	0.002	02/27/2017	13:09
12	I1998-01		1	2.50	100	7.77	2.05	0.015	0.015	0.000	0.001	02/27/2017	13:10
13	I1998-01DUP		1	2.51	100	7.31	2.13	0.016	0.016	0.000	0.001	02/27/2017	13:10
14	I1998-01MSPre	40	2	2.54	100	7.55	2.27	0.009	0.349	0.340	0.436	02/27/2017	13:11
15	CCV2	0.5	1	100	100		2.36	0.000	0.384	0.384	0.492	02/27/2017	13:11
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.001	02/27/2017	13:12
17	I1998-01MS2Ins	1284	40	2.52	100	7.63	1.92	0.006	0.609	0.603	0.773	02/27/2017	13:12
18	I1998-01MS3Post	40	2	2.55	100	7.86	1.88	0.013	0.354	0.341	0.437	02/27/2017	13:13
19	I1998-04		1	2.55	100	7.70	2.49	0.018	0.018	0.000	0.001	02/27/2017	13:13
20	I1998-07		1	2.53	100	7.25	2.32	0.011	0.011	0.000	0.001	02/27/2017	13:14
21	I1998-10		1	2.50	100	7.09	2.19	0.009	0.009	0.000	0.001	02/27/2017	13:14
22	CCV3	0.5	1	100	100		1.67	0.000	0.384	0.384	0.492	02/27/2017	13:15
23	CCB3		1	100	100		1.90	0.000	0.000	0.000	0.001	02/27/2017	13:15