

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86723

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP53991
Calibration Std. hexchrome 0.05 ppm	WP53990
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP53993
Calibratation STD Hexa Chrome 0.5 PPM	WP53992
calibration std. hexchrome 0.01 ppm	WP53988
calibration std. hexchrome 0 ppm	WP53987
Hexavalent Chromium ICV Std.	WP53994
Hexavalent Chromium CCV Std	WP53995
hexavalent chromium color reagent	WP53956
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP53989

Intercept: -0.0001

Slope: 0.781

Regression: 0.999949

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	04/05/2017	10:40
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	04/05/2017	10:40
3	CAL3	0.025	1	100	100		1.62	0.000	0.016	0.016	04/05/2017	10:41
4	CAL4	0.05	1	100	100		2.17	0.000	0.039	0.039	04/05/2017	10:41
5	CAL5	0.1	1	100	100		2.40	0.000	0.079	0.079	04/05/2017	10:42
6	CAL6	0.5	1	100	100		1.81	0.000	0.396	0.396	04/05/2017	10:42
7	CAL7	1	1	100	100		2.05	0.000	0.778	0.778	04/05/2017	10:43



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Run Number: LB86723

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		2.13	0.000	0.390	0.390	0.499	04/05/2017	10:43
2	ICB		1	100	100		1.95	0.000	0.000	0.000	0.000	04/05/2017	10:44
3	CCV1	0.5	1	100	100		1.52	0.000	0.391	0.391	0.501	04/05/2017	12:00
4	CCB1		1	100	100		2.18	0.000	0.000	0.000	0.000	04/06/2017	12:00
5	PB98058BL		1	2.52	100	7.12	2.40	0.000	0.000	0.000	0.000	04/05/2017	12:01
6	PB98058BS	20	1	2.51	100	7.55	2.33	0.000	0.374	0.374	0.479	04/05/2017	12:01
7	I2523-01		1	2.55	100	7.30	2.25	0.011	0.014	0.003	0.004	04/05/2017	12:02
8	I2523-03		1	2.54	100	7.89	2.46	0.019	0.030	0.011	0.014	04/05/2017	12:02
9	I2523-05		1	2.50	100	7.21	2.20	0.010	0.010	0.000	0.000	04/05/2017	12:03
10	I2523-07		1	2.50	100	7.19	2.10	0.011	0.012	0.001	0.001	04/05/2017	12:03
11	I2523-09		1	2.55	100	7.10	1.77	0.040	0.041	0.001	0.001	04/05/2017	12:04
12	I2523-11		1	2.52	100	7.14	1.63	0.005	0.010	0.005	0.007	04/05/2017	12:04
13	I2523-13		1	2.51	100	7.33	2.34	0.007	0.009	0.002	0.003	04/05/2017	12:05
14	I2523-15		1	2.53	100	7.66	2.14	0.003	0.006	0.003	0.004	04/05/2017	12:05
15	CCV2	0.5	1	100	100		2.46	0.000	0.391	0.391	0.501	04/05/2017	12:06
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.000	04/05/2017	12:06
17	I2537-01		1	2.50	100	7.74	1.88	0.009	0.010	0.001	0.001	04/05/2017	12:07
18	I2537-06		1	2.54	100	7.85	2.05	0.013	0.013	0.000	0.000	04/05/2017	12:07
19	I2537-11		1	2.52	100	7.31	2.16	0.014	0.015	0.001	0.001	04/05/2017	12:08
20	I2537-16		1	2.50	100	7.44	2.48	0.014	0.014	0.000	0.000	04/05/2017	12:08
21	I2538-06		1	2.52	100	7.90	1.84	0.012	0.012	0.000	0.000	04/05/2017	12:09
22	I2538-06DUP		1	2.53	100	7.75	1.99	0.011	0.011	0.000	0.000	04/05/2017	12:09
23	I2538-06MSPre	40	2	2.54	100	7.34	1.59	0.010	0.365	0.355	0.455	04/05/2017	12:09
24	I2538-06MS2Ins	1284	40	2.50	100	7.22	2.08	0.011	0.615	0.604	0.773	04/05/2017	12:10
25	I2538-06MS3Post	40	2	2.51	100	7.28	2.40	0.014	0.390	0.376	0.482	04/05/2017	12:10
26	CCV3	0.5	1	100	100		2.46	0.000	0.392	0.392	0.502	04/05/2017	12:11
27	CCB3		1	100	100		1.59	0.000	0.000	0.000	0.000	04/05/2017	12:11