

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86748

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54048
Calibration Std. hexchrome 0.05 ppm	WP54047
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP54050
Calibratation STD Hexa Chrome 0.5 PPM	WP54049
calibration std. hexchrome 0.01 ppm	WP54045
calibration std. hexchrome 0 ppm	WP54044
Hexavalent Chromium ICV Std.	WP54051
Hexavalent Chromium CCV Std	WP54052
hexavalent chromium color reagent	WP53956
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54046

Intercept: 0.0003

Slope: 0.7805

Regression: 0.999959

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	04/06/2017	13:30
2	CAL2	0.01	1	100	100		2.04	0.000	0.007	0.007	04/06/2017	13:30
3	CAL3	0.025	1	100	100		1.82	0.000	0.018	0.018	04/06/2017	13:31
4	CAL4	0.05	1	100	100		1.66	0.000	0.039	0.039	04/06/2017	13:31
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	04/06/2017	13:32
6	CAL6	0.5	1	100	100		2.29	0.000	0.396	0.396	04/06/2017	13:32
7	CAL7	1	1	100	100		2.33	0.000	0.778	0.778	04/06/2017	13:33



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Run Number: LB86748

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		2.33	0.000	0.389	0.389	0.498	04/06/2017	13:33
2	ICB		1	100	100		2.21	0.000	0.000	0.000	0.000	04/06/2017	13:34
3	CCV1	0.5	1	100	100		2.10	0.000	0.390	0.390	0.499	04/06/2017	13:34
4	CCB1		1	100	100		1.93	0.000	0.000	0.000	0.000	04/06/2017	13:35
5	PB98100BL		1	2.53	100	7.88	1.88	0.000	0.000	0.000	0.000	04/06/2017	13:35
6	PB98100BS	20	1	2.55	100	7.50	2.27	0.001	0.367	0.366	0.469	04/06/2017	13:36
7	I2534-01		1	2.52	100	7.22	2.48	0.018	0.018	0.000	0.000	04/06/2017	13:36
8	I2534-01DUP		1	2.54	100	7.34	1.93	0.017	0.017	0.000	0.000	04/06/2017	13:37
9	I2534-01MSPre	40	2	2.51	100	7.14	1.87	0.007	0.349	0.342	0.438	04/06/2017	13:37
10	I2534-01MS2Ins	1284	40	2.52	100	7.06	1.56	0.008	0.610	0.602	0.771	04/06/2017	13:38
11	I2534-01MS3Post	40	2	2.55	100	7.19	2.24	0.009	0.358	0.349	0.447	04/06/2017	13:38
12	I2534-02		1	2.54	100	7.51	2.39	0.009	0.009	0.000	0.000	04/06/2017	13:39
13	I2534-03		1	2.50	100	7.20	2.45	0.010	0.010	0.000	0.000	04/06/2017	13:39
14	I2534-04		1	2.51	100	7.91	1.60	0.014	0.020	0.006	0.007	04/06/2017	13:40
15	CCV2	0.5	1	100	100		2.13	0.000	0.390	0.390	0.499	04/06/2017	13:40
16	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.000	04/06/2017	13:41
17	I2534-07		1	2.50	100	7.10	2.04	0.005	0.007	0.002	0.002	04/06/2017	13:41
18	I2534-08		1	2.52	100	7.66	1.77	0.017	0.018	0.001	0.001	04/06/2017	13:42
19	I2534-10		1	2.53	100	7.40	1.70	0.010	0.010	0.000	0.000	04/06/2017	13:42
20	I2534-11		1	2.51	100	7.24	2.09	0.018	0.018	0.000	0.000	04/06/2017	13:43
21	I2534-12		1	2.50	100	7.44	2.45	0.014	0.014	0.000	0.000	04/06/2017	13:43
22	I2534-13		1	2.55	100	7.87	2.26	0.017	0.017	0.000	0.000	04/06/2017	13:44
23	I2569-01		1	2.54	100	7.82	2.14	0.022	0.022	0.000	0.000	04/06/2017	13:44
24	I2571-01		1	2.53	100	7.71	2.07	0.016	0.016	0.000	0.000	04/06/2017	13:45
25	I2572-01		1	2.52	100	7.22	1.66	0.014	0.015	0.001	0.001	04/06/2017	13:45
26	I2572-04		1	2.54	100	7.15	1.79	0.008	0.008	0.000	0.000	04/06/2017	13:46
27	CCV3	0.5	1	100	100		2.30	0.000	0.390	0.390	0.499	04/06/2017	13:46
28	CCB3		1	100	100		2.21	0.000	0.000	0.000	0.000	04/06/2017	13:47
29	I2572-07		1	2.51	100	7.06	1.73	0.013	0.013	0.000	0.000	04/06/2017	13:47
30	CCV4	0.5	1	100	100		1.55	0.000	0.390	0.390	0.499	04/06/2017	13:48
31	CCB4		1	100	100		2.46	0.000	0.000	0.000	0.000	04/06/2017	13:48