



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB85473

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP52366
Calibration Std. hexchrome 0.05 ppm	WP52365
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP52368
Calibratation STD Hexa Chrome 0.5 PPM	WP52367
calibration std. hexchrome 0.01 ppm	WP52363
calibration std. hexchrome 0 ppm	WP52362
Hexavalent Chromium ICV Std.	WP52370
Hexavalent Chromium CCV Std	WP52372
hexavalent chromium color reagent	WP52369
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP52364

Intercept: -0.0005

Slope: 0.7805

Regression: 0.999942

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	PH HN03	PH H2so4	Absorbance		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.82	0.000	0.000	0.000	01/24/2017	12:20
2	CAL2	0.01	1	100	100		1.70	0.000	0.007	0.007	01/24/2017	12:20
3	CAL3	0.025	1	100	100		2.09	0.000	0.017	0.017	01/24/2017	12:21
4	CAL4	0.05	1	100	100		2.44	0.000	0.036	0.036	01/24/2017	12:21
5	CAL5	0.1	1	100	100		2.19	0.000	0.079	0.079	01/24/2017	12:22
6	CAL6	0.5	1	100	100		2.39	0.000	0.396	0.396	01/24/2017	12:22
7	CAL7	1	1	100	100		2.27	0.000	0.777	0.777	01/24/2017	12:23



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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		2.55	0.000	0.393	0.393	0.504	01/24/2017	12:24
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.001	01/24/2017	12:24
3	CCV1	0.5	1	100	100		2.40	0.000	0.391	0.391	0.502	01/24/2017	12:25
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.001	01/24/2017	12:25
5	PB96245BL		1	2.50	100	7.52	2.36	0.000	0.000	0.000	0.001	01/24/2017	12:26
6	PB96245BS	20	1	2.52	100	7.12	1.78	0.001	0.358	0.357	0.458	01/24/2017	12:26
7	I1312-01		1	2.52	100	7.33	2.41	0.017	0.017	0.000	0.001	01/24/2017	12:27
8	I1312-01DUP		1	2.52	100	7.49	2.20	0.017	0.017	0.000	0.001	01/24/2017	12:27
9	I1312-02Pre	40	2	2.52	100	7.36	2.14	0.020	0.168	0.148	0.190	01/24/2017	12:28
10	I1312-022Ins	1284	40	2.52	100	7.77	2.36	0.017	0.626	0.609	0.781	01/24/2017	12:28
11	I1312-023Post	40	2	2.52	100	7.12	2.45	0.028	0.289	0.261	0.335	01/24/2017	12:29
12	I1312-03	40	2	2.52	100	7.36	2.14	0.020	0.168	0.148	0.190	01/24/2017	12:28
13	I1312-04		1	2.55	100	7.91	1.63	0.014	0.014	0.000	0.001	01/24/2017	12:30
14	I1312-05		1	2.53	100	7.44	2.17	0.015	0.015	0.000	0.001	01/24/2017	12:30
15	CCV2	0.5	1	100	100		2.49	0.000	0.391	0.391	0.502	01/24/2017	12:31
16	CCB2		1	100	100		2.34	0.000	0.000	0.000	0.001	01/24/2017	12:31
17	I1312-06		1	2.50	100	7.30	2.25	0.020	0.020	0.000	0.001	01/24/2017	12:32
18	I1312-07		1	2.51	100	7.14	2.09	0.006	0.006	0.000	0.001	01/24/2017	12:33
19	I1312-08		1	2.54	100	7.06	2.34	0.009	0.009	0.000	0.001	01/24/2017	12:34
20	I1312-11		1	2.51	100	7.46	2.13	0.012	0.012	0.000	0.001	01/24/2017	12:34
21	I1351-03		1	2.51	100	7.50	1.56	0.020	0.023	0.003	0.004	01/24/2017	12:35
22	I1382-01		1	2.54	100	7.33	2.40	0.013	0.013	0.000	0.001	01/24/2017	12:35
23	I1382-03		1	2.53	100	7.77	2.27	0.014	0.014	0.000	0.001	01/24/2017	12:36
24	I1382-05		1	2.54	100	7.29	2.19	0.030	0.030	0.000	0.001	01/24/2017	12:36
25	I1383-01		1	2.52	100	7.25	1.67	0.016	0.016	0.000	0.001	01/24/2017	12:37
26	I1383-03		1	2.50	100	7.14	2.39	0.013	0.013	0.000	0.001	01/24/2017	12:37
27	CCV3	0.5	1	100	100		2.04	0.000	0.393	0.393	0.504	01/24/2017	12:38
28	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.001	01/24/2017	12:38
29	I1383-05		1	2.50	100	7.39	2.33	0.017	0.017	0.000	0.001	01/24/2017	12:39
30	CCV4	0.5	1	100	100		2.16	0.000	0.393	0.393	0.504	01/24/2017	12:39
31	CCB4		1	100	100		1.99	0.000	0.000	0.000	0.001	01/24/2017	12:40