

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB85447

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP52286
Calibration Std. hexchrome 0.05 ppm	WP52284
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP52292
Calibratation STD Hexa Chrome 0.5 PPM	WP52285
calibration std. hexchrome 0.01 ppm	WP52282
calibration std. hexchrome 0 ppm	WP52281
Hexavalent Chromium ICV Std.	WP52288
Hexavalent Chromium CCV Std	WP52290
hexavalent chromium color reagent	WP52287
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP52283

Intercept: -0.0001

Slope: 0.7797

Regression: 0.999928

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		1.78	0.000	0.000	0.000	01/20/2017	13:10
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	01/20/2017	13:10
3	CAL3	0.025	1	100	100		2.15	0.000	0.018	0.018	01/20/2017	13:11
4	CAL4	0.05	1	100	100		2.41	0.000	0.037	0.037	01/20/2017	13:11
5	CAL5	0.1	1	100	100		2.32	0.000	0.079	0.079	01/20/2017	13:12
6	CAL6	0.5	1	100	100		2.20	0.000	0.397	0.397	01/20/2017	13:12
7	CAL7	1	1	100	100		2.39	0.000	0.776	0.776	01/20/2017	13:13



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Run Number: LB85447

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		2.41	0.000	0.389	0.389	0.499	01/20/2017	13:13
2	ICB		1	100	100		1.93	0.000	0.000	0.000	0.000	01/20/2017	13:13
3	CCV1	0.5	1	100	100		2.04	0.000	0.390	0.390	0.500	01/20/2017	13:14
4	CCB1		1	100	100		1.68	0.000	0.000	0.000	0.000	01/20/2017	13:14
5	PB96190BL		1	2.53	100	7.13	2.44	0.000	0.000	0.000	0.000	01/20/2017	13:15
6	PB96190BS	20	1	2.53	100	7.44	2.31	0.002	0.355	0.353	0.453	01/20/2017	13:15
7	I1304-01		1	2.52	100	7.28	2.34	0.024	0.024	0.000	0.000	01/20/2017	13:16
8	I1304-01DUP		1	2.52	100	7.39	2.29	0.024	0.024	0.000	0.000	01/20/2017	13:16
9	I1304-01MSPre	40	2	2.52	100	7.34	2.20	0.014	0.106	0.092	0.118	01/20/2017	13:17
10	I1304-01MS2Ins	1284	40	2.52	100	7.60	2.13	0.018	0.624	0.606	0.777	01/20/2017	13:17
11	I1304-01MS3Post	40	2	2.52	100	7.10	2.04	0.016	0.221	0.205	0.263	01/20/2017	13:18
12	I1304-04		1	2.54	100	7.08	1.77	0.014	0.014	0.000	0.000	01/20/2017	13:18
13	I1304-07		1	2.54	100	7.31	2.09	0.008	0.008	0.000	0.000	01/20/2017	13:19
14	I1308-01		1	2.51	100	7.67	2.18	0.010	0.010	0.000	0.000	01/20/2017	13:19
15	CCV2	0.5	1	100	100		2.24	0.000	0.392	0.392	0.503	01/20/2017	13:20
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.000	01/20/2017	13:20
17	I1326-01		1	2.50	100	7.51	2.20	0.006	0.006	0.000	0.000	01/20/2017	13:21
18	I1326-03		1	2.50	100	7.44	1.56	0.043	0.043	0.000	0.000	01/20/2017	13:21
19	I1326-05		1	2.54	100	7.16	1.80	0.035	0.035	0.000	0.000	01/20/2017	13:22
20	I1329-01		1	2.55	100	7.86	2.07	0.030	0.030	0.000	0.000	01/20/2017	13:22
21	I1329-03		1	2.50	100	7.18	2.11	0.024	0.024	0.000	0.000	01/20/2017	13:23
22	I1329-05		1	2.51	100	7.22	2.31	0.005	0.005	0.000	0.000	01/20/2017	13:23
23	I1329-07		1	2.52	100	7.40	2.45	0.014	0.014	0.000	0.000	01/20/2017	13:24
24	I1329-09		1	2.51	100	7.71	2.00	0.019	0.019	0.000	0.000	01/20/2017	13:24
25	I1329-11		1	2.52	100	7.12	1.77	0.041	0.041	0.000	0.000	01/20/2017	13:25
26	I1329-13		1	2.55	100	7.24	2.14	0.100	0.100	0.000	0.000	01/20/2017	13:25
27	CCV3	0.5	1	100	100		2.45	0.000	0.390	0.390	0.500	01/20/2017	13:26
28	CCB3		1	100	100		2.07	0.000	0.000	0.000	0.000	01/20/2017	13:26
29	I1329-15		1	2.55	100	7.15	2.13	0.076	0.076	0.000	0.000	01/20/2017	13:27
30	I1329-17		1	2.50	100	7.29	2.40	0.016	0.016	0.000	0.000	01/20/2017	13:27
31	I1329-19		1	2.53	100	7.05	2.35	0.015	0.015	0.000	0.000	01/20/2017	13:28
32	CCV4	0.5	1	100	100		2.17	0.000	0.391	0.391	0.502	01/20/2017	13:28
33	CCB4		1	100	100		1.88	0.000	0.000	0.000	0.000	01/20/2017	13:29