

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB85837

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP52928
Calibration Std. hexchrome 0.05 ppm	WP52926
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP52930
Calibratation STD Hexa Chrome 0.5 PPM	WP52929
calibration std. hexchrome 0.01 ppm	WP52924
calibration std. hexchrome 0 ppm	WP52923
Hexavalent Chromium ICV Std.	WP52932
Hexavalent Chromium CCV Std	WP52933
hexavalent chromium color reagent	WP52813
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP52925

Intercept: -0.0003

Slope: 0.7788

Regression: 0.999931

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		2.02	0.000	0.000	0.000	02/15/2017	12:37
2	CAL2	0.01	1	100	100		1.53	0.000	0.006	0.006	02/15/2017	12:37
3	CAL3	0.025	1	100	100		1.95	0.000	0.017	0.017	02/15/2017	12:38
4	CAL4	0.05	1	100	100		2.33	0.000	0.037	0.037	02/15/2017	12:38
5	CAL5	0.1	1	100	100		2.47	0.000	0.079	0.079	02/15/2017	12:39
6	CAL6	0.5	1	100	100		1.81	0.000	0.396	0.396	02/15/2017	12:39
7	CAL7	1	1	100	100		2.15	0.000	0.775	0.775	02/15/2017	12:40



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Run Number: LB85837

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		2.09	0.000	0.393	0.393	0.505	02/15/2017	12:40
2	ICB		1	100	100		2.44	0.000	0.000	0.000	0.000	02/15/2017	12:41
3	CCV1	0.5	1	100	100		1.52	0.000	0.392	0.392	0.504	02/15/2017	12:41
4	CCB1		1	100	100		1.61	0.000	0.000	0.000	0.000	02/15/2017	12:42
5	PB96967BL		1	2.54	100	7.36	1.97	0.000	0.000	0.000	0.000	02/15/2017	12:42
6	PB96967BS	20	1	2.50	100	7.59	2.24	0.005	0.370	0.365	0.469	02/15/2017	12:43
7	I1822-02		1	2.50	100	7.88	2.19	0.023	0.023	0.000	0.000	02/15/2017	12:43
8	I1822-03		1	2.51	100	7.20	1.70	0.007	0.008	0.001	0.002	02/15/2017	12:44
9	I1825-01		1	2.50	100	7.14	1.90	0.009	0.009	0.000	0.000	02/15/2017	12:44
10	I1826-03		1	2.53	100	7.31	2.05	0.006	0.006	0.000	0.000	02/15/2017	12:45
11	I1826-03DUP		1	2.52	100	7.36	2.13	0.005	0.005	0.000	0.000	02/15/2017	12:45
12	I1826-03MSPre	40	2	2.51	100	7.81	2.34	0.015	0.021	0.006	0.008	02/15/2017	12:46
13	I1826-03MS2Ins	1284	40	2.51	100	7.50	2.41	0.007	0.609	0.602	0.773	02/15/2017	12:46
14	I1826-03MS3Post	40	2	2.53	100	7.11	2.47	0.021	0.203	0.182	0.234	02/15/2017	12:47
15	CCV2	0.5	1	100	100		2.20	0.000	0.392	0.392	0.504	02/15/2017	12:47
16	CCB2		1	100	100		2.14	0.000	0.000	0.000	0.000	02/15/2017	12:48
17	I1835-01		1	2.54	100	7.05	2.06	0.007	0.007	0.000	0.000	02/15/2017	12:48
18	I1836-01		1	2.53	100	7.28	1.63	0.004	0.004	0.000	0.000	02/15/2017	12:49
19	I1838-01		1	2.50	100	7.77	1.58	0.030	0.030	0.000	0.000	02/15/2017	12:49
20	I1839-01		1	2.52	100	7.30	1.80	0.016	0.016	0.000	0.000	02/15/2017	12:50
21	CCV3	0.5	1	100	100		1.99	0.000	0.393	0.393	0.505	02/15/2017	12:50
22	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	02/15/2017	12:51