

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86024

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP53154
Calibration Std. hexchrome 0.05 ppm	WP53153
5N sulfuric acid	WP50397
Calibratation STD HexaChrome 1 PPM	WP53156
Calibratation STD Hexa Chrome 0.5 PPM	WP53155
calibration std. hexchrome 0.01 ppm	WP53151
calibration std. hexchrome 0 ppm	WP53150
Hexavalent Chromium ICV Std.	WP53157
Hexavalent Chromium CCV Std	WP53159
hexavalent chromium color reagent	WP53079
HNO3 Hex-Chrome, 5M	WP51796
Calibration std Hexachrome, 0.025ppm	WP53152

Intercept: -0.0006

Slope: 0.7806

Regression: 0.999943

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		2.01	0.000	0.000	0.000	02/24/2017	10:30
2	CAL2	0.01	1	100	100		2.34	0.000	0.008	0.008	02/24/2017	10:30
3	CAL3	0.025	1	100	100		1.75	0.000	0.017	0.017	02/24/2017	10:31
4	CAL4	0.05	1	100	100		2.18	0.000	0.036	0.036	02/24/2017	10:31
5	CAL5	0.1	1	100	100		1.60	0.000	0.077	0.077	02/24/2017	10:32
6	CAL6	0.5	1	100	100		2.46	0.000	0.396	0.396	02/24/2017	10:32
7	CAL7	1	1	100	100		2.21	0.000	0.777	0.777	02/24/2017	10:33



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Run Number: LB86024

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		2.14	0.000	0.391	0.391	0.502	02/24/2017	10:33
2	ICB		1	100	100		2.36	0.000	0.000	0.000	0.001	02/24/2017	10:34
3	CCV1	0.5	1	100	100		1.59	0.000	0.389	0.389	0.499	02/24/2017	12:30
4	CCB1		1	100	100		2.48	0.000	0.000	0.000	0.001	02/24/2017	12:30
5	PB97175BL		1	2.51	100	7.20	1.93	0.000	0.000	0.000	0.001	02/24/2017	12:31
6	PB97175BS	20	1	2.50	100	7.78	2.30	0.001	0.386	0.385	0.494	02/24/2017	12:31
7	I1948-05		1	2.53	100	7.60	2.01	0.004	0.004	0.000	0.001	02/24/2017	12:32
8	I1948-05DUP		1	2.52	100	7.86	2.13	0.003	0.003	0.000	0.001	02/24/2017	12:32
9	I1948-05MSPre	40	2	2.54	100	7.04	1.70	0.007	0.340	0.333	0.427	02/24/2017	12:33
10	I1948-05MS2Ins	1284	40	2.52	100	7.12	2.36	0.010	0.619	0.609	0.781	02/24/2017	12:33
11	I1948-05MS3Post	40	2	2.53	100	7.39	2.15	0.009	0.354	0.345	0.443	02/24/2017	12:34
12	I1952-01		1	2.55	100	7.12	1.88	0.007	0.007	0.000	0.001	02/24/2017	12:34
13	I1952-03		1	2.50	100	7.25	1.52	0.030	0.030	0.000	0.001	02/24/2017	12:35
14	CCV2	0.5	1	100	100		2.36	0.000	0.389	0.389	0.499	02/24/2017	12:35
15	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.001	02/24/2017	12:36