

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89335

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57052
Calibration Std. hexchrome 0.05 ppm	WP57051
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57054
Calibratation STD Hexa Chrome 0.5 PPM	WP57053
calibration std. hexchrome 0.01 ppm	WP57049
calibration std. hexchrome 0 ppm	WP57048
Hexavalent Chromium ICV Std.	WP57055
Hexavalent Chromium CCV Std	WP57056
hexavalent chromium color reagent	WP56891
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57050

Intercept: 0.0001

Slope: 0.7793

Regression: 0.999932

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.14	0.000	0.000	0.000	08/08/2017	15:10
2	CAL2	0.01	1	100	100		2.39	0.000	0.008	0.008	08/08/2017	15:10
3	CAL3	0.025	1	100	100		1.75	0.000	0.018	0.018	08/08/2017	15:11
4	CAL4	0.05	1	100	100		1.56	0.000	0.037	0.037	08/08/2017	15:11
5	CAL5	0.1	1	100	100		2.30	0.000	0.078	0.078	08/08/2017	15:12
6	CAL6	0.5	1	100	100		2.44	0.000	0.397	0.397	08/08/2017	15:12
7	CAL7	1	1	100	100		1.60	0.000	0.776	0.776	08/08/2017	15:13



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.90	0.000	0.392	0.392	0.503	08/08/2017	15:13
2	ICB		1	100	100		2.20	0.000	0.000	0.000	0.000	08/08/2017	15:14
3	CCV1	0.5	1	100	100		2.18	0.000	0.393	0.393	0.504	08/08/2017	15:14
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	08/08/2017	15:15
5	PB101356BL		1	2.55	100	7.22	1.54	0.000	0.000	0.000	0.000	08/08/2017	15:15
6	PB101356BS	20	1	2.54	100	7.13	2.46	0.000	0.387	0.387	0.496	08/08/2017	15:16
7	I4649-02		1	2.52	100	7.36	2.04	0.077	0.078	0.001	0.001	08/08/2017	15:16
8	I4649-04		1	2.53	100	7.90	1.66	0.040	0.041	0.001	0.001	08/08/2017	15:17
9	I4650-01		1	2.55	100	7.84	1.79	0.005	0.005	0.000	0.000	08/08/2017	15:17
10	I4650-01DUP		1	2.51	100	7.89	1.80	0.004	0.004	0.000	0.000	08/08/2017	15:18
11	I4650-01MSPre	40	2	2.54	100	7.32	2.08	0.007	0.364	0.357	0.458	08/08/2017	15:18
12	I4650-01MS2Ins	1284	40	2.54	100	7.71	2.33	0.006	0.619	0.613	0.786	08/08/2017	15:19
13	I4650-01MS3Post	40	2	2.54	100	7.25	1.84	0.008	0.368	0.360	0.462	08/08/2017	15:19
14	I4652-02		1	2.50	100	7.10	2.20	0.026	0.026	0.000	0.000	08/08/2017	15:20
15	CCV2	0.5	1	100	100		1.79	0.000	0.393	0.393	0.504	08/08/2017	15:20
16	CCB2		1	100	100		2.35	0.000	0.000	0.000	0.000	08/08/2017	15:21
17	I4652-07		1	2.51	100	7.08	1.93	0.029	0.029	0.000	0.000	08/08/2017	15:21
18	I4655-01		1	2.52	100	7.41	2.45	0.020	0.020	0.000	0.000	08/08/2017	15:22
19	I4655-02		1	2.54	100	7.30	2.31	0.027	0.027	0.000	0.000	08/08/2017	15:22
20	I4655-03		1	2.55	100	7.94	2.05	0.044	0.044	0.000	0.000	08/08/2017	15:23
21	I4657-01		1	2.50	100	7.32	2.43	0.036	0.037	0.001	0.001	08/08/2017	15:23
22	I4657-04		1	2.53	100	7.28	2.39	0.008	0.008	0.000	0.000	08/08/2017	15:24
23	I4657-07		1	2.50	100	7.44	1.77	0.011	0.011	0.000	0.000	08/08/2017	15:24
24	I4657-10		1	2.51	100	7.30	1.64	0.013	0.013	0.000	0.000	08/08/2017	15:25
25	I4657-13		1	2.53	100	7.25	2.07	0.030	0.031	0.001	0.001	08/08/2017	15:25
26	I4666-01		1	2.52	100	7.22	1.90	0.007	0.007	0.000	0.000	08/08/2017	15:26
27	CCV3	0.5	1	100	100		2.13	0.000	0.394	0.394	0.505	08/08/2017	15:26
28	CCB3		1	100	100		1.61	0.000	0.000	0.000	0.000	08/08/2017	15:27