

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90072

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57911
Calibration Std. hexchrome 0.05 ppm	WP57910
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57913
Calibratation STD Hexa Chrome 0.5 PPM	WP57912
calibration std. hexchrome 0.01 ppm	WP57908
calibration std. hexchrome 0 ppm	WP57905
Hexavalent Chromium ICV Std.	WP57914
Hexavalent Chromium CCV Std	WP57915
hexavalent chromium color reagent	WP57916
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57909

Intercept: 0.0007

Slope: 0.7787

Regression: 0.999937

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		2.05	0.000	0.000	0.000	09/14/2017	12:20
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	09/14/2017	12:20
3	CAL3	0.025	1	100	100		2.13	0.000	0.018	0.018	09/14/2017	12:21
4	CAL4	0.05	1	100	100		1.99	0.000	0.039	0.039	09/14/2017	12:21
5	CAL5	0.1	1	100	100		1.76	0.000	0.079	0.079	09/14/2017	12:22
6	CAL6	0.5	1	100	100		2.45	0.000	0.397	0.397	09/14/2017	12:22
7	CAL7	1	1	100	100		1.60	0.000	0.776	0.776	09/14/2017	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	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.89	0.000	0.389	0.389	0.499	09/14/2017	12:23
2	ICB		1	100	100		2.02	0.000	0.000	0.000	-0.001	09/14/2017	12:24
3	CCV1	0.5	1	100	100		2.29	0.000	0.390	0.390	0.500	09/14/2017	12:24
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	-0.001	09/14/2017	12:25
5	PB102341BL		1	2.52	100	7.21	1.81	0.000	0.000	0.000	-0.001	09/14/2017	12:25
6	PB102341BS	20	1	2.51	100	7.36	2.33	0.000	0.382	0.382	0.490	09/14/2017	12:26
7	I5182-01		1	2.52	100	7.88	2.06	0.030	0.030	0.000	-0.001	09/14/2017	12:26
8	I5182-01DUP		1	2.50	100	7.75	2.45	0.029	0.029	0.000	-0.001	09/14/2017	12:27
9	I5182-01MSPre	40	2	2.55	100	7.90	1.89	0.052	0.233	0.181	0.232	09/14/2017	12:27
10	I5182-01MS2Ins	1284	40	2.50	100	7.25	1.92	0.053	0.633	0.580	0.744	09/14/2017	12:28
11	I5182-01MS3Post	40	2	2.55	100	7.32	1.66	0.049	0.242	0.193	0.247	09/14/2017	12:28
12	I5182-03		1	2.54	100	7.48	2.07	0.044	0.046	0.002	0.002	09/14/2017	12:29
13	I5182-05		1	2.50	100	7.52	2.20	0.035	0.036	0.001	0.000	09/14/2017	12:29
14	I5182-07		1	2.53	100	7.30	1.67	0.025	0.025	0.000	-0.001	09/14/2017	12:30
15	CCV2	0.5	1	100	100		1.82	0.000	0.390	0.390	0.500	09/14/2017	12:30
16	CCB2		1	100	100		2.21	0.000	0.000	0.000	-0.001	09/14/2017	12:31
17	I5187-01		1	2.55	100	7.22	2.15	0.057	0.057	0.000	-0.001	09/14/2017	12:31
18	I5187-02		1	2.51	100	7.19	1.64	0.083	0.083	0.000	-0.001	09/14/2017	12:32
19	I5187-03		1	2.55	100	7.15	1.88	0.081	0.082	0.001	0.000	09/14/2017	12:32
20	I5187-04		1	2.53	100	7.85	2.33	0.034	0.035	0.001	0.000	09/14/2017	12:33
21	I5187-05		1	2.52	100	7.44	2.42	0.035	0.037	0.002	0.002	09/14/2017	12:34
22	I5187-06		1	2.51	100	7.96	1.66	0.093	0.095	0.002	0.002	09/14/2017	12:34
23	I5187-07		1	2.53	100	7.20	1.79	0.074	0.075	0.001	0.000	09/14/2017	12:35
24	I5187-08		1	2.55	100	7.22	2.10	0.039	0.039	0.000	-0.001	09/14/2017	12:35
25	I5187-09		1	2.50	100	7.10	2.13	0.024	0.025	0.001	0.000	09/14/2017	12:36
26	I5187-10		1	2.51	100	7.33	1.71	0.040	0.040	0.000	-0.001	09/14/2017	12:36
27	CCV3	0.5	1	100	100		2.08	0.000	0.391	0.391	0.501	09/14/2017	12:37
28	CCB3		1	100	100		2.44	0.000	0.000	0.000	-0.001	09/14/2017	12:37