

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89854

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57652
Calibration Std. hexchrome 0.05 ppm	WP57651
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57654
Calibratation STD Hexa Chrome 0.5 PPM	WP57653
calibration std. hexchrome 0.01 ppm	WP57649
calibration std. hexchrome 0 ppm	WP57648
Hexavalent Chromium ICV Std.	WP57655
Hexavalent Chromium CCV Std	WP57656
hexavalent chromium color reagent	WP57683
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57650

Intercept: 0.0003

Slope: 0.7792

Regression: 0.99993

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		1.93	0.000	0.000	0.000	09/01/2017	15:01
2	CAL2	0.01	1	100	100		1.84	0.000	0.008	0.008	09/01/2017	15:01
3	CAL3	0.025	1	100	100		2.15	0.000	0.017	0.017	09/01/2017	15:02
4	CAL4	0.05	1	100	100		1.70	0.000	0.038	0.038	09/01/2017	15:02
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	09/01/2017	15:03
6	CAL6	0.5	1	100	100		2.32	0.000	0.397	0.397	09/01/2017	15:03
7	CAL7	1	1	100	100		1.88	0.000	0.776	0.776	09/01/2017	15:04



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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		2.14	0.000	0.392	0.392	0.503	09/01/2017	15:04
2	ICB		1	100	100		2.09	0.000	0.000	0.000	0.000	09/01/2017	15:05
3	CCV1	0.5	1	100	100		1.63	0.000	0.393	0.393	0.504	09/01/2017	15:05
4	CCB1		1	100	100		1.55	0.000	0.000	0.000	0.000	09/01/2017	15:06
5	PB102031BL		1	2.50	100	7.31	2.29	0.000	0.000	0.000	0.000	09/01/2017	15:06
6	PB102031BS	20	1	2.54	100	7.60	2.31	0.000	0.384	0.384	0.492	09/01/2017	15:07
7	I5052-01		1	2.53	100	7.28	2.07	0.089	0.089	0.000	0.000	09/01/2017	15:07
8	I5052-06		1	2.55	100	7.70	1.62	0.030	0.030	0.000	0.000	09/01/2017	15:08
9	I5052-11		1	2.51	100	7.50	1.78	0.023	0.023	0.000	0.000	09/01/2017	15:08
10	I5052-12		1	2.52	100	7.82	2.35	0.066	0.066	0.000	0.000	09/01/2017	15:09
11	I5053-01		1	2.54	100	7.16	2.46	0.018	0.018	0.000	0.000	09/01/2017	15:09
12	I5053-05		1	2.50	100	7.82	1.97	0.028	0.028	0.000	0.000	09/01/2017	15:10
13	I5053-06		1	2.55	100	7.40	2.24	0.031	0.031	0.000	0.000	09/01/2017	15:10
14	I5068-01		1	2.51	100	7.55	1.86	0.013	0.013	0.000	0.000	09/01/2017	15:11
15	CCV2	0.5	1	100	100		2.33	0.000	0.393	0.393	0.504	09/01/2017	15:11
16	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	09/01/2017	15:12
17	I5069-01		1	2.50	100	7.32	1.60	0.015	0.015	0.000	0.000	09/01/2017	15:12
18	I5069-01DUP		1	2.51	100	7.14	2.19	0.014	0.014	0.000	0.000	09/01/2017	15:13
19	I5069-01MSPre	40	2	2.55	100	7.30	2.25	0.016	0.361	0.345	0.442	09/01/2017	15:13
20	I5069-01MS2Ins	1284	40	2.53	100	7.52	1.60	0.017	0.629	0.612	0.785	09/01/2017	15:14
21	I5069-01MS3Post	40	2	2.51	100	7.79	2.29	0.018	0.370	0.352	0.451	09/01/2017	15:14
22	I5073-01		1	2.50	100	7.12	2.17	0.020	0.020	0.000	0.000	09/01/2017	15:15
23	I5073-08		1	2.52	100	7.48	1.72	0.018	0.018	0.000	0.000	09/01/2017	15:15
24	I5074-01		1	2.55	100	7.65	1.96	0.049	0.049	0.000	0.000	09/01/2017	15:16
25	I5074-08		1	2.54	100	7.90	2.18	0.026	0.026	0.000	0.000	09/01/2017	15:16
26	I5074-15		1	2.55	100	7.10	2.40	0.031	0.031	0.000	0.000	09/01/2017	15:17
27	CCV3	0.5	1	100	100		2.33	0.000	0.394	0.394	0.505	09/01/2017	15:17
28	CCB3		1	100	100		1.64	0.000	0.000	0.000	0.000	09/01/2017	15:18
29	I5075-01		1	2.50	100	7.04	1.90	0.070	0.070	0.000	0.000	09/01/2017	15:18
30	I5075-04		1	2.53	100	7.22	2.21	0.105	0.105	0.000	0.000	09/01/2017	15:19
31	I5075-07		1	2.52	100	7.49	2.45	0.029	0.029	0.000	0.000	09/01/2017	15:19
32	I5075-10		1	2.55	100	7.63	2.28	0.050	0.050	0.000	0.000	09/01/2017	15:20
33	I5076-01		1	2.51	100	7.72	1.59	0.020	0.020	0.000	0.000	09/01/2017	15:20
34	CCV4	0.5	1	100	100		1.67	0.000	0.394	0.394	0.505	09/01/2017	15:21
35	CCB4		1	100	100		1.72	0.000	0.000	0.000	0.000	09/01/2017	15:21