

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97102

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66712
Calibration Std. hexchrome 0.05 ppm	WP66711
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66714
Calibratation STD Hexa Chrome 0.5 PPM	WP66713
calibration std. hexchrome 0.01 ppm	WP66709
calibration std. hexchrome 0 ppm	WP66702
Hexavalent Chromium ICV Std.	WP66715
Hexavalent Chromium CCV Std	WP66716
hexavalent chromium color reagent	WP66600
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66710

Intercept: 0.0002

Slope: 0.7691

Regression: 0.999968

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		1.88	0.000	0.000	0.000	08/03/2018	14:36
2	CAL2	0.01	1	100	100		1.93	0.000	0.007	0.007	08/03/2018	14:36
3	CAL3	0.025	1	100	100		2.17	0.000	0.018	0.018	08/03/2018	14:37
4	CAL4	0.05	1	100	100		2.01	0.000	0.037	0.037	08/03/2018	14:37
5	CAL5	0.1	1	100	100		2.13	0.000	0.079	0.079	08/03/2018	14:38
6	CAL6	0.5	1	100	100		1.68	0.000	0.389	0.389	08/03/2018	14:38
7	CAL7	1	1	100	100		1.57	0.000	0.767	0.767	08/03/2018	14:39

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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		1.60	0.000	0.390	0.390	0.507	08/03/2018	14:39
2	ICB		1	100	100		2.21	0.000	0.000	0.000	0.000	08/03/2018	14:40
3	CCV1	0.5	1	100	100		2.44	0.000	0.390	0.390	0.507	08/03/2018	14:40
4	CCB1		1	100	100		1.90	0.000	0.000	0.000	0.000	08/03/2018	14:41
5	PB111758BL		1	2.55	100	7.11	1.85	0.000	0.000	0.000	0.000	08/03/2018	14:41
6	PB111758BS	20	1	2.50	100	7.68	2.04	0.000	0.383	0.383	0.498	08/03/2018	14:42
7	J4162-08		1	2.52	100	7.90	2.21	0.057	0.057	0.000	0.000	08/03/2018	14:42
8	J4298-01		1	2.51	100	7.24	2.30	0.082	0.082	0.000	0.000	08/03/2018	14:43
9	J4298-02		1	2.54	100	7.44	1.77	0.139	0.139	0.000	0.000	08/03/2018	14:43
10	J4298-03		1	2.55	100	7.10	1.88	0.020	0.020	0.000	0.000	08/03/2018	14:44
11	J4316-01		1	2.51	100	7.05	1.94	0.008	0.008	0.000	0.000	08/03/2018	14:44
12	J4316-05		1	2.50	100	7.88	2.41	0.017	0.017	0.000	0.000	08/03/2018	14:45
13	J4323-01		1	2.51	100	7.63	2.26	0.012	0.016	0.004	0.005	08/03/2018	14:45
14	J4323-01DUP		1	2.54	100	7.94	1.66	0.013	0.017	0.004	0.005	08/03/2018	14:46
15	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.507	08/03/2018	14:46
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	08/03/2018	14:47
17	J4323-01MSPre	40	2	2.53	100	7.16	2.35	0.014	0.370	0.356	0.463	08/03/2018	14:47
18	J4323-01MS2Ins	1284	40	2.53	100	7.33	1.64	0.012	0.598	0.586	0.762	08/03/2018	14:48
19	J4323-01MS3Post	40	2	2.53	100	7.40	1.80	0.015	0.372	0.357	0.464	08/03/2018	14:48
20	J4333-01		1	2.52	100	7.50	2.44	0.016	0.016	0.000	0.000	08/03/2018	14:49
21	J4333-05		1	2.54	100	7.69	2.39	0.010	0.010	0.000	0.000	08/03/2018	14:49
22	J4333-09		1	2.55	100	7.71	2.11	0.013	0.013	0.000	0.000	08/03/2018	14:50
23	J4333-13		1	2.52	100	7.21	1.90	0.011	0.011	0.000	0.000	08/03/2018	14:50
24	J4333-17		1	2.53	100	7.55	1.78	0.034	0.034	0.000	0.000	08/03/2018	14:51
25	CCV3	0.5	1	100	100		1.60	0.000	0.391	0.391	0.508	08/03/2018	14:51
26	CCB3		1	100	100		1.72	0.000	0.000	0.000	0.000	08/03/2018	14:52