

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96366

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65723
Calibration Std. hexchrome 0.05 ppm	WP65722
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65725
Calibratation STD Hexa Chrome 0.5 PPM	WP65724
calibration std. hexchrome 0.01 ppm	WP65720
calibration std. hexchrome 0 ppm	WP65717
Hexavalent Chromium ICV Std.	WP65726
Hexavalent Chromium CCV Std	WP65727
hexavalent chromium color reagent	WP65714
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65721

Intercept: 0.0005

Slope: 0.7671

Regression: 0.999996

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		2.15	0.000	0.000	0.000	06/29/2018	13:00
2	CAL2	0.01	1	100	100		1.83	0.000	0.008	0.008	06/29/2018	13:00
3	CAL3	0.025	1	100	100		2.20	0.000	0.019	0.019	06/29/2018	13:01
4	CAL4	0.05	1	100	100		1.79	0.000	0.040	0.040	06/29/2018	13:01
5	CAL5	0.1	1	100	100		1.94	0.000	0.078	0.078	06/29/2018	13:02
6	CAL6	0.5	1	100	100		2.30	0.000	0.383	0.383	06/29/2018	13:02
7	CAL7	1	1	100	100		2.45	0.000	0.768	0.768	06/29/2018	13:03



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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		2.30	0.000	0.385	0.385	0.501	06/29/2018	13:03
2	ICB		1	100	100		1.66	0.000	0.000	0.000	-0.001	06/29/2018	13:04
3	CCV1	0.5	1	100	100		2.04	0.000	0.385	0.385	0.501	06/29/2018	13:04
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	-0.001	06/29/2018	13:05
5	PB110745BL		1	2.52	100	7.13	1.94	0.000	0.000	0.000	-0.001	06/29/2018	13:05
6	PB110745BS	20	1	2.55	100	7.16	1.62	0.000	0.377	0.377	0.491	06/29/2018	13:06
7	J3248-07		1	2.50	100	7.42	2.20	0.019	0.019	0.000	-0.001	06/29/2018	13:06
8	J3248-07DUP		1	2.51	100	7.39	2.38	0.018	0.018	0.000	-0.001	06/29/2018	13:07
9	J3248-07MSPre	40	2	2.53	100	7.07	2.27	0.020	0.129	0.109	0.141	06/29/2018	13:07
10	J3248-07MS2Ins	1284	40	2.50	100	7.25	1.77	0.017	0.608	0.591	0.770	06/29/2018	13:08
11	J3248-07MS3Post	40	2	2.51	100	7.38	2.09	0.021	0.160	0.139	0.181	06/29/2018	13:08
12	J3248-09		1	2.54	100	7.26	1.86	0.028	0.028	0.000	-0.001	06/29/2018	13:09
13	J3248-11		1	2.53	100	7.18	1.91	0.014	0.014	0.000	-0.001	06/29/2018	13:09
14	J3749-05		1	2.50	100	7.30	2.23	0.021	0.021	0.000	-0.001	06/29/2018	13:10
15	CCV2	0.5	1	100	100		2.17	0.000	0.385	0.385	0.501	06/29/2018	13:10
16	CCB2		1	100	100		1.78	0.000	0.000	0.000	-0.001	06/29/2018	13:11
17	J3762-01		1	2.51	100	7.45	1.65	0.000	0.003	0.003	0.003	06/29/2018	13:11
18	J3762-02		1	2.53	100	7.18	2.24	0.000	0.014	0.014	0.018	06/29/2018	13:12
19	J3762-03		1	2.52	100	7.14	2.38	0.000	0.003	0.003	0.003	06/29/2018	13:12
20	J3771-01		1	2.53	100	7.06	2.43	0.000	0.003	0.003	0.003	06/29/2018	13:13
21	J3774-01		1	2.50	100	7.40	2.18	0.033	0.033	0.000	-0.001	06/29/2018	13:13
22	J3774-03		1	2.51	100	7.66	1.71	0.012	0.012	0.000	-0.001	06/29/2018	13:14
23	J3774-05		1	2.53	100	7.90	1.54	0.009	0.009	0.000	-0.001	06/29/2018	13:14
24	J3774-06		1	2.55	100	7.24	2.28	0.020	0.020	0.000	-0.001	06/29/2018	13:15
25	J3774-08		1	2.52	100	7.68	2.36	0.007	0.007	0.000	-0.001	06/29/2018	13:15
26	J3774-09		1	2.54	100	7.51	1.90	0.008	0.008	0.000	-0.001	06/29/2018	13:16
27	CCV3	0.5	1	100	100		1.68	0.000	0.386	0.386	0.503	06/29/2018	13:16
28	CCB3		1	100	100		2.10	0.000	0.000	0.000	-0.001	06/29/2018	13:17