

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96010

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65314
Calibration Std. hexchrome 0.05 ppm	WP65313
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65316
Calibratation STD Hexa Chrome 0.5 PPM	WP65315
calibration std. hexchrome 0.01 ppm	WP65311
calibration std. hexchrome 0 ppm	WP65310
Hexavalent Chromium ICV Std.	WP65318
Hexavalent Chromium CCV Std	WP65317
hexavalent chromium color reagent	WP65230
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65312

Intercept: 0.0004

Slope: 0.7688

Regression: 0.99997

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		2.30	0.000	0.000	0.000	06/14/2018	11:10
2	CAL2	0.01	1	100	100		1.78	0.000	0.008	0.008	06/14/2018	11:10
3	CAL3	0.025	1	100	100		2.40	0.000	0.017	0.017	06/14/2018	11:11
4	CAL4	0.05	1	100	100		1.90	0.000	0.039	0.039	06/14/2018	11:11
5	CAL5	0.1	1	100	100		1.63	0.000	0.078	0.078	06/14/2018	11:12
6	CAL6	0.5	1	100	100		2.47	0.000	0.389	0.389	06/14/2018	11:12
7	CAL7	1	1	100	100		1.77	0.000	0.767	0.767	06/14/2018	11:13

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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		1.73	0.000	0.390	0.390	0.507	06/14/2018	11:13
2	ICB		1	100	100		1.58	0.000	0.000	0.000	-0.001	06/14/2018	11:14
3	CCV1	0.5	1	100	100		2.07	0.000	0.390	0.390	0.507	06/14/2018	11:14
4	CCB1		1	100	100		2.39	0.000	0.000	0.000	-0.001	06/14/2018	11:15
5	PB110257BL		1	2.52	100	7.23	1.90	0.000	0.000	0.000	-0.001	06/14/2018	11:15
6	PB110257BS	20	1	2.53	100	7.69	1.66	0.000	0.366	0.366	0.476	06/14/2018	11:16
7	J3239-09		1	2.54	100	7.10	2.04	0.034	0.034	0.000	-0.001	06/14/2018	11:16
8	J3239-11		1	2.50	100	7.03	2.18	0.040	0.040	0.000	-0.001	06/14/2018	11:17
9	J3239-13		1	2.53	100	7.97	2.37	0.070	0.070	0.000	-0.001	06/14/2018	11:17
10	J3241-07		1	2.52	100	7.34	1.71	0.026	0.026	0.000	-0.001	06/14/2018	11:18
11	J3241-09		1	2.55	100	7.22	1.85	0.020	0.020	0.000	-0.001	06/14/2018	11:18
12	J3241-11		1	2.50	100	7.80	1.82	0.024	0.024	0.000	-0.001	06/14/2018	11:19
13	J3246-01		1	2.50	100	7.51	2.06	0.015	0.015	0.000	-0.001	06/14/2018	11:19
14	J3246-01DUP		1	2.55	100	7.39	2.22	0.014	0.014	0.000	-0.001	06/14/2018	11:20
15	CCV2	0.5	1	100	100		1.62	0.000	0.390	0.390	0.507	06/14/2018	11:20
16	CCB2		1	100	100		1.63	0.000	0.000	0.000	-0.001	06/14/2018	11:21
17	J3246-01MSPre	40	2	2.51	100	7.41	2.10	0.017	0.349	0.332	0.431	06/14/2018	11:21
18	J3246-01MS2Ins	1284	40	2.51	100	7.90	2.22	0.012	0.610	0.598	0.777	06/14/2018	11:22
19	J3246-01MS3Post	40	2	2.51	100	7.34	1.59	0.018	0.355	0.337	0.438	06/14/2018	11:22
20	J3251-03		1	2.51	100	7.20	1.73	0.030	0.030	0.000	-0.001	06/14/2018	11:23
21	J3459-01		1	2.52	100	7.33	1.61	0.019	0.019	0.000	-0.001	06/14/2018	11:23
22	J3481-01		1	2.55	100	7.88	2.17	0.031	0.043	0.012	0.015	06/14/2018	11:24
23	J3481-03		1	2.54	100	7.20	2.22	0.025	0.031	0.006	0.007	06/14/2018	11:24
24	CCV3	0.5	1	100	100		1.95	0.000	0.391	0.391	0.508	06/14/2018	11:25
25	CCB3		1	100	100		1.80	0.000	0.000	0.000	-0.001	06/14/2018	11:25