

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93555

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62321
Calibration Std. hexchrome 0.05 ppm	WP62320
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62323
Calibratation STD Hexa Chrome 0.5 PPM	WP62322
calibration std. hexchrome 0.01 ppm	WP62318
calibration std. hexchrome 0 ppm	WP62317
Hexavalent Chromium ICV Std.	WP62324
Hexavalent Chromium CCV Std	WP62325
hexavalent chromium color reagent	WP62167
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62319

Intercept: 0.0003

Slope: 0.7677

Regression: 0.999986

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		2.11	0.000	0.000	0.000	02/27/2018	12:10
2	CAL2	0.01	1	100	100		1.83	0.000	0.008	0.008	02/27/2018	12:10
3	CAL3	0.025	1	100	100		2.17	0.000	0.017	0.017	02/27/2018	12:11
4	CAL4	0.05	1	100	100		2.44	0.000	0.039	0.039	02/27/2018	12:11
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	02/27/2018	12:12
6	CAL6	0.5	1	100	100		1.97	0.000	0.386	0.386	02/27/2018	12:12
7	CAL7	1	1	100	100		1.71	0.000	0.767	0.767	02/27/2018	12:13



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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		1.59	0.000	0.388	0.388	0.505	02/27/2018	12:13
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.000	02/27/2018	12:14
3	CCV1	0.5	1	100	100		2.33	0.000	0.388	0.388	0.505	02/27/2018	12:14
4	CCB1		1	100	100		1.62	0.000	0.000	0.000	0.000	02/27/2018	12:15
5	PB106892BL		1	2.52	100	7.12	1.87	0.000	0.000	0.000	0.000	02/27/2018	12:15
6	PB106892BS	20	1	2.55	100	7.36	2.14	0.000	0.378	0.378	0.492	02/27/2018	12:16
7	J1400-07		1	2.50	100	7.55	2.46	0.020	0.020	0.000	0.000	02/27/2018	12:16
8	J1400-09		1	2.51	100	7.20	1.78	0.025	0.025	0.000	0.000	02/27/2018	12:17
9	J1400-11		1	2.53	100	7.44	2.11	0.018	0.018	0.000	0.000	02/27/2018	12:17
10	J1675-01		1	2.55	100	7.28	1.83	0.016	0.016	0.000	0.000	02/27/2018	12:18
11	J1686-01		1	2.51	100	7.60	1.95	0.005	0.021	0.016	0.020	02/27/2018	12:18
12	J1688-01		1	2.50	100	7.71	2.14	0.007	0.007	0.000	0.000	02/27/2018	12:19
13	J1688-07		1	2.53	100	7.82	2.22	0.012	0.017	0.005	0.006	02/27/2018	12:19
14	J1702-01		1	2.51	100	7.90	2.36	0.008	0.008	0.000	0.000	02/27/2018	12:20
15	CCV2	0.5	1	100	100		1.64	0.000	0.389	0.389	0.506	02/27/2018	12:20
16	CCB2		1	100	100		1.55	0.000	0.000	0.000	0.000	02/27/2018	12:21
17	J1702-01DUP		1	2.54	100	7.21	2.17	0.007	0.007	0.000	0.000	02/27/2018	12:21
18	J1702-01MSPre	40	2	2.53	100	7.30	2.23	0.010	0.363	0.353	0.459	02/27/2018	12:22
19	J1702-01MS2Ins	1284	40	2.50	100	7.44	1.69	0.007	0.621	0.614	0.799	02/27/2018	12:22
20	J1702-01MS3Post	40	2	2.51	100	7.21	1.56	0.011	0.365	0.354	0.461	02/27/2018	12:23
21	J1702-03		1	2.52	100	7.02	2.48	0.006	0.006	0.000	0.000	02/27/2018	12:23
22	J1705-03		1	2.50	100	7.11	2.33	0.003	0.003	0.000	0.000	02/27/2018	12:24
23	CCV3	0.5	1	100	100		1.67	0.000	0.389	0.389	0.506	02/27/2018	12:24
24	CCB3		1	100	100		1.81	0.000	0.000	0.000	0.000	02/27/2018	12:25