

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92716

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61115
Calibration Std. hexchrome 0.05 ppm	WP61121
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61117
Calibratation STD Hexa Chrome 0.5 PPM	WP61116
calibration std. hexchrome 0.01 ppm	WP61113
calibration std. hexchrome 0 ppm	WP61111
Hexavalent Chromium ICV Std.	WP61118
Hexavalent Chromium CCV Std	WP61119
hexavalent chromium color reagent	WP61054
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61114

Intercept: 0.0002

Slope: 0.7773

Regression: 0.999965

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		2.25	0.000	0.000	0.000	01/19/2018	12:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	01/19/2018	12:30
3	CAL3	0.025	1	100	100		1.96	0.000	0.018	0.018	01/19/2018	12:31
4	CAL4	0.05	1	100	100		2.37	0.000	0.039	0.039	01/19/2018	12:31
5	CAL5	0.1	1	100	100		2.44	0.000	0.077	0.077	01/19/2018	12:32
6	CAL6	0.5	1	100	100		1.69	0.000	0.394	0.394	01/19/2018	12:32
7	CAL7	1	1	100	100		2.10	0.000	0.775	0.775	01/19/2018	12:33



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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		2.28	0.000	0.389	0.389	0.500	01/19/2018	12:33
2	ICB		1	100	100		1.55	0.000	0.000	0.000	0.000	01/19/2018	12:34
3	CCV1	0.5	1	100	100		1.63	0.000	0.391	0.391	0.503	01/19/2018	12:34
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	01/19/2018	12:35
5	PB105780BL		1	2.51	100	7.30	2.40	0.000	0.000	0.000	0.000	01/19/2018	12:35
6	PB105780BS	20	1	2.55	100	7.80	1.66	0.000	0.362	0.362	0.465	01/19/2018	12:36
7	J1010-06		1	2.50	100	7.61	1.90	0.016	0.016	0.000	0.000	01/19/2018	12:36
8	J1010-06DUP		1	2.52	100	7.15	2.04	0.015	0.015	0.000	0.000	01/19/2018	12:37
9	J1010-06MSPre	40	2	2.53	100	7.08	2.37	0.017	0.358	0.341	0.438	01/19/2018	12:37
10	J1010-06MS2Ins	1284	40	2.52	100	7.44	1.88	0.012	0.610	0.598	0.769	01/19/2018	12:38
11	J1010-06MS3Post	40	2	2.50	100	7.69	2.20	0.019	0.360	0.341	0.438	01/19/2018	12:38
12	J1018-06		1	2.53	100	7.82	2.11	0.030	0.030	0.000	0.000	01/19/2018	12:39
13	J1018-08		1	2.51	100	7.66	1.77	0.026	0.026	0.000	0.000	01/19/2018	12:39
14	J1023-03		1	2.55	100	7.90	2.30	0.033	0.033	0.000	0.000	01/19/2018	12:40
15	CCV2	0.5	1	100	100		2.15	0.000	0.391	0.391	0.503	01/19/2018	12:40
16	CCB2		1	100	100		1.98	0.000	0.000	0.000	0.000	01/19/2018	12:41
17	J1171-01		1	2.50	100	7.24	2.47	0.037	0.037	0.000	0.000	01/19/2018	12:41
18	J1202-01		1	2.53	100	7.29	1.71	0.056	0.056	0.000	0.000	01/19/2018	12:42
19	J1203-01		1	2.54	100	7.88	2.05	0.013	0.013	0.000	0.000	01/19/2018	12:42
20	CCV3	0.5	1	100	100		1.63	0.000	0.391	0.391	0.503	01/19/2018	12:43
21	CCB3		1	100	100		2.13	0.000	0.000	0.000	0.000	01/19/2018	12:43