

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92490

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60752
Calibration Std. hexchrome 0.05 ppm	WP60750
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60754
Calibratation STD Hexa Chrome 0.5 PPM	WP60753
calibration std. hexchrome 0.01 ppm	WP60748
calibration std. hexchrome 0 ppm	WP60746
Hexavalent Chromium ICV Std.	WP60755
Hexavalent Chromium CCV Std	WP60756
hexavalent chromium color reagent	WP60692
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP60749

Intercept: -0.0001

Slope: 0.7753

Regression: 0.999939

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		2.01	0.000	0.000	0.000	01/05/2018	12:20
2	CAL2	0.01	1	100	100		1.74	0.000	0.006	0.006	01/05/2018	12:20
3	CAL3	0.025	1	100	100		2.30	0.000	0.017	0.017	01/05/2018	12:21
4	CAL4	0.05	1	100	100		2.41	0.000	0.038	0.038	01/05/2018	12:21
5	CAL5	0.1	1	100	100		1.55	0.000	0.079	0.079	01/05/2018	12:22
6	CAL6	0.5	1	100	100		1.63	0.000	0.394	0.394	01/05/2018	12:22
7	CAL7	1	1	100	100		2.24	0.000	0.772	0.772	01/05/2018	12:23



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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		2.23	0.000	0.391	0.391	0.504	01/05/2018	12:23
2	ICB		1	100	100		2.30	0.000	0.000	0.000	0.000	01/05/2018	12:24
3	CCV1	0.5	1	100	100		1.66	0.000	0.392	0.392	0.506	01/05/2018	12:24
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	01/05/2018	12:25
5	PB105493BL		1	2.55	100	7.05	2.20	0.000	0.000	0.000	0.000	01/05/2018	12:25
6	PB105493BS	20	1	2.52	100	7.69	2.44	0.000	0.370	0.370	0.477	01/05/2018	12:26
7	J1011-01		1	2.55	100	7.31	1.78	0.052	0.052	0.000	0.000	01/05/2018	12:26
8	J1011-03		1	2.53	100	7.78	1.57	0.023	0.023	0.000	0.000	01/05/2018	12:27
9	J1011-05		1	2.51	100	7.90	2.20	0.012	0.012	0.000	0.000	01/05/2018	12:27
10	J1011-05DUP		1	2.54	100	7.32	2.41	0.010	0.010	0.000	0.000	01/05/2018	12:28
11	J1011-05MSPre	40	2	2.53	100	7.09	1.90	0.014	0.356	0.342	0.441	01/05/2018	12:28
12	J1011-05MS2Ins	1284	40	2.53	100	7.15	1.81	0.009	0.597	0.588	0.759	01/05/2018	12:29
13	J1011-05MS3Post	40	2	2.50	100	7.24	2.36	0.015	0.362	0.347	0.448	01/05/2018	12:29
14	J1011-07		1	2.54	100	7.36	1.82	0.029	0.029	0.000	0.000	01/05/2018	12:30
15	CCV2	0.5	1	100	100		1.67	0.000	0.392	0.392	0.506	01/05/2018	12:30
16	CCB2		1	100	100		2.17	0.000	0.000	0.000	0.000	01/05/2018	12:31
17	J1016-01		1	2.55	100	7.88	2.34	0.045	0.045	0.000	0.000	01/05/2018	12:31
18	CCV3	0.5	1	100	100		1.70	0.000	0.392	0.392	0.506	01/05/2018	12:32
19	CCB3		1	100	100		2.28	0.000	0.000	0.000	0.000	01/05/2018	12:32