

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93391

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62106
Calibration Std. hexchrome 0.05 ppm	WP62105
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62108
Calibratation STD Hexa Chrome 0.5 PPM	WP62107
calibration std. hexchrome 0.01 ppm	WP62103
calibration std. hexchrome 0 ppm	WP62102
Hexavalent Chromium ICV Std.	WP62109
Hexavalent Chromium CCV Std	WP62110
hexavalent chromium color reagent	WP61940
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62104

Intercept: -0.0003

Slope: 0.7685

Regression: 0.999983

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		1.78	0.000	0.000	0.000	02/19/2018	16:20
2	CAL2	0.01	1	100	100		2.19	0.000	0.006	0.006	02/19/2018	14:20
3	CAL3	0.025	1	100	100		2.38	0.000	0.017	0.017	02/19/2018	14:21
4	CAL4	0.05	1	100	100		1.64	0.000	0.038	0.038	02/19/2018	14:21
5	CAL5	0.1	1	100	100		2.25	0.000	0.079	0.079	02/19/2018	14:22
6	CAL6	0.5	1	100	100		1.62	0.000	0.386	0.386	02/19/2018	14:22
7	CAL7	1	1	100	100		2.43	0.000	0.767	0.767	02/19/2018	14:23



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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		1.69	0.000	0.388	0.388	0.505	02/19/2018	14:23
2	ICB		1	100	100		2.02	0.000	0.000	0.000	0.000	02/19/2018	14:24
3	CCV1	0.5	1	100	100		2.21	0.000	0.388	0.388	0.505	02/19/2018	14:24
4	CCB1		1	100	100		1.93	0.000	0.000	0.000	0.000	02/19/2018	14:25
5	PB106679BL		1	2.55	100	7.13	2.40	0.000	0.000	0.000	0.000	02/19/2018	14:25
6	PB106679BS	20	1	2.54	100	7.22	2.34	0.000	0.358	0.358	0.466	02/19/2018	14:26
7	J1392-01		1	2.50	100	7.15	1.37	0.004	0.004	0.000	0.000	02/19/2018	14:26
8	J1392-01DUP		1	2.51	100	7.39	2.37	0.005	0.005	0.000	0.000	02/19/2018	14:27
9	J1392-01MSPre	40	2	2.55	100	7.85	1.55	0.007	0.342	0.335	0.436	02/19/2018	14:27
10	J1392-01MS2Ins	1284	40	2.50	100	7.63	1.71	0.003	0.588	0.585	0.762	02/19/2018	14:28
11	J1392-01MS3Post	40	2	2.52	100	7.25	2.19	0.009	0.351	0.342	0.445	02/19/2018	14:28
12	J1604-01		1	2.51	100	7.31	2.46	0.021	0.021	0.000	0.000	02/19/2018	14:29
13	J1604-04		1	2.50	100	7.58	2.25	0.030	0.030	0.000	0.000	02/19/2018	14:29
14	J1604-07		1	2.54	100	7.70	2.33	0.038	0.038	0.000	0.000	02/19/2018	14:30
15	CCV2	0.5	1	100	100		1.98	0.000	0.389	0.389	0.507	02/19/2018	14:30
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	02/19/2018	14:31
17	J1604-10		1	2.53	100	7.69	1.68	0.035	0.035	0.000	0.000	02/19/2018	14:31
18	CCV3	0.5	1	100	100		2.21	0.000	0.389	0.389	0.507	02/19/2018	14:32
19	CCB3		1	100	100		1.79	0.000	0.000	0.000	0.000	02/19/2018	14:32