

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93198

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61793
Calibration Std. hexchrome 0.05 ppm	WP61792
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP61795
Calibratation STD Hexa Chrome 0.5 PPM	WP61794
calibration std. hexchrome 0.01 ppm	WP61790
calibration std. hexchrome 0 ppm	WP61789
Hexavalent Chromium ICV Std.	WP61796
Hexavalent Chromium CCV Std	WP61797
hexavalent chromium color reagent	WP61709
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP61791

Intercept: -0.0006

Slope: 0.7688

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		2.05	0.000	0.000	0.000	02/09/2018	14:00
2	CAL2	0.01	1	100	100		1.69	0.000	0.006	0.006	02/09/2018	14:00
3	CAL3	0.025	1	100	100		2.09	0.000	0.017	0.017	02/09/2018	14:01
4	CAL4	0.05	1	100	100		1.77	0.000	0.037	0.037	02/09/2018	14:01
5	CAL5	0.1	1	100	100		2.04	0.000	0.078	0.078	02/09/2018	14:02
6	CAL6	0.5	1	100	100		1.59	0.000	0.386	0.386	02/09/2018	14:02
7	CAL7	1	1	100	100		2.35	0.000	0.767	0.767	02/09/2018	14:03



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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	0.387	0.387	0.504	02/09/2018	14:03
2	ICB		1	100	100		1.69	0.000	0.000	0.000	0.001	02/09/2018	14:04
3	CCV1	0.5	1	100	100		2.25	0.000	0.387	0.387	0.504	02/09/2018	14:04
4	CCB1		1	100	100		1.84	0.000	0.000	0.000	0.001	02/09/2018	14:05
5	PB106444BL		1	2.54	100	7.06	2.10	0.000	0.000	0.000	0.001	02/09/2018	14:05
6	PB106444BS	20	1	2.50	100	7.25	2.27	0.000	0.352	0.352	0.459	02/09/2018	14:06
7	J1470-01		1	2.54	100	7.89	1.58	0.068	0.068	0.000	0.001	02/09/2018	14:06
8	J1470-03		1	2.50	100	7.30	2.22	0.112	0.113	0.001	0.002	02/09/2018	14:07
9	J1470-05		1	2.51	100	7.17	2.39	0.053	0.053	0.000	0.001	02/09/2018	14:07
10	J1470-07		1	2.50	100	7.69	1.80	0.082	0.082	0.000	0.001	02/09/2018	14:08
11	J1470-07DUP		1	2.51	100	7.36	2.40	0.083	0.083	0.000	0.001	02/09/2018	14:08
12	J1470-07MSPre	40	2	2.53	100	7.41	1.77	0.090	0.112	0.022	0.029	02/09/2018	14:09
13	J1470-07MS2Ins	1284	40	2.51	100	7.22	1.64	0.080	0.635	0.555	0.723	02/09/2018	14:09
14	J1470-07MS3Post	40	2	2.52	100	7.60	2.39	0.000	0.095	0.095	0.124	02/09/2018	14:10
15	CCV2	0.5	1	100	100		2.45	0.000	0.388	0.388	0.505	02/09/2018	14:10
16	CCB2		1	100	100		1.95	0.000	0.000	0.000	0.001	02/09/2018	14:11
17	J1470-09		1	2.53	100	7.86	1.70	0.059	0.059	0.000	0.001	02/09/2018	14:11
18	J1470-11		1	2.51	100	7.75	2.12	0.066	0.066	0.000	0.001	02/09/2018	14:12
19	J1470-13		1	2.50	100	7.94	2.18	0.025	0.025	0.000	0.001	02/09/2018	14:12
20	J1470-15		1	2.52	100	7.20	1.71	0.049	0.049	0.000	0.001	02/09/2018	14:13
21	J1470-17		1	2.53	100	7.63	2.44	0.038	0.038	0.000	0.001	02/09/2018	14:13
22	J1470-19		1	2.52	100	7.22	2.10	0.029	0.029	0.000	0.001	02/09/2018	14:14
23	PB106440BL		1	2.50	100	7.46	1.62	0.000	0.000	0.000	0.001	02/09/2018	14:14
24	PB106440BS	20	1	2.53	100	7.50	1.57	0.000	0.360	0.360	0.469	02/09/2018	14:15
25	J1471-01		1	2.50	100	7.37	2.03	0.013	0.013	0.000	0.001	02/09/2018	14:15
26	J1471-01DUP		1	2.54	100	7.21	2.09	0.014	0.014	0.000	0.001	02/09/2018	14:16
27	CCV3	0.5	1	100	100		1.66	0.000	0.387	0.387	0.504	02/09/2018	14:16
28	CCB3		1	100	100		2.45	0.000	0.000	0.000	0.001	02/09/2018	14:17
29	J1471-01MSPre	40	2	2.51	100	7.15	2.21	0.015	0.357	0.342	0.446	02/09/2018	14:17
30	J1471-01MS2Ins	1284	40	2.55	100	7.10	2.41	0.013	0.608	0.595	0.775	02/09/2018	14:18
31	J1471-01MS3Post	40	2	2.50	100	7.03	2.26	0.017	0.369	0.352	0.459	02/09/2018	14:18
32	J1471-03		1	2.52	100	7.89	2.38	0.030	0.030	0.000	0.001	02/09/2018	14:19
33	J1471-05		1	2.54	100	7.27	1.74	0.028	0.028	0.000	0.001	02/09/2018	14:19
34	J1471-07		1	2.51	100	7.63	1.85	0.039	0.039	0.000	0.001	02/09/2018	14:20
35	J1475-11		1	2.55	100	7.44	2.07	0.033	0.034	0.001	0.002	02/09/2018	14:20
36	J1475-12		1	2.51	100	7.26	2.19	0.021	0.021	0.000	0.001	02/09/2018	14:21
37	J1475-13		1	2.52	100	7.65	1.79	0.015	0.015	0.000	0.001	02/09/2018	14:21
38	J1501-01		1	2.55	100	7.32	1.63	0.002	0.015	0.013	0.018	02/09/2018	14:22
39	CCV4	0.5	1	100	100		2.47	0.000	0.387	0.387	0.504	02/09/2018	14:22
40	CCB4		1	100	100		2.15	0.000	0.000	0.000	0.001	02/09/2018	14:23