

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93076

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61568
Calibration Std. hexchrome 0.05 ppm	WP61565
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61572
Calibratation STD Hexa Chrome 0.5 PPM	WP61570
calibration std. hexchrome 0.01 ppm	WP61562
calibration std. hexchrome 0 ppm	WP61561
Hexavalent Chromium ICV Std.	WP61573
Hexavalent Chromium CCV Std	WP61574
hexavalent chromium color reagent	WP61517
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61563

Intercept: 0.0016

Slope: 0.7645

Regression: 0.999929

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		2.13	0.000	0.000	0.000	02/02/2018	15:00
2	CAL2	0.01	1	100	100		1.78	0.000	0.016	0.016	02/02/2018	15:00
3	CAL3	0.025	1	100	100		1.96	0.000	0.016	0.016	02/02/2018	15:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	02/02/2018	15:01
5	CAL5	0.1	1	100	100		2.37	0.000	0.078	0.078	02/02/2018	15:02
6	CAL6	0.5	1	100	100		1.66	0.000	0.384	0.384	02/02/2018	15:02
7	CAL7	1	1	100	100		2.18	0.000	0.766	0.766	02/02/2018	15:03



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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		1.78	0.000	0.386	0.386	0.503	02/02/2018	15:03
2	ICB		1	100	100		1.59	0.000	0.000	0.000	-0.002	02/02/2018	15:04
3	CCV1	0.5	1	100	100		1.80	0.000	0.387	0.387	0.504	02/02/2018	15:04
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	-0.002	02/02/2018	15:05
5	PB106279BL		1	2.51	100	7.63	2.30	0.000	0.000	0.000	-0.002	02/02/2018	15:05
6	PB106279BS	20	1	2.54	100	7.21	2.14	0.000	0.355	0.355	0.462	02/02/2018	15:06
7	J1014-03		1	2.51	100	7.15	1.59	0.012	0.012	0.000	-0.002	02/02/2018	15:06
8	J1022-12		1	2.52	100	7.08	1.72	0.015	0.015	0.000	-0.002	02/02/2018	15:07
9	J1022-12DUP		1	2.53	100	7.44	2.20	0.014	0.014	0.000	-0.002	02/02/2018	15:07
10	J1022-12MSPre	40	2	2.50	100	7.90	2.37	0.016	0.358	0.342	0.445	02/02/2018	15:08
11	J1022-12MS2Ins	1284	40	2.53	100	7.97	1.82	0.014	0.598	0.584	0.762	02/02/2018	15:08
12	J1022-12MS3Post	40	2	2.54	100	7.39	1.93	0.017	0.360	0.343	0.447	02/02/2018	15:09
13	J1381-01		1	2.54	100	7.24	2.37	0.039	0.039	0.000	-0.002	02/02/2018	15:09
14	J1381-02		1	2.50	100	7.30	2.10	0.010	0.010	0.000	-0.002	02/02/2018	15:10
15	CCV2	0.5	1	100	100		1.20	0.000	0.387	0.387	0.504	02/02/2018	15:10
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.002	02/02/2018	15:11
17	J1395-01		1	2.51	100	7.66	2.21	0.009	0.009	0.000	-0.002	02/02/2018	15:11
18	J1413-04		1	2.53	100	7.21	1.93	0.011	0.011	0.000	-0.002	02/02/2018	15:12
19	J1413-09		1	2.51	100	7.85	1.74	0.009	0.009	0.000	-0.002	02/02/2018	15:12
20	J1424-01		1	2.50	100	7.63	2.07	0.020	0.022	0.002	0.001	02/02/2018	15:13
21	J1424-02		1	2.53	100	7.12	2.41	0.018	0.018	0.000	-0.002	02/02/2018	15:13
22	J1431-01		1	2.55	100	7.22	1.46	0.008	0.008	0.000	-0.002	02/02/2018	15:14
23	J1431-04		1	2.51	100	7.89	2.46	0.002	0.002	0.000	-0.002	02/02/2018	15:14
24	J1431-07		1	2.54	100	7.56	1.67	0.051	0.051	0.000	-0.002	02/02/2018	15:15
25	J1436-01		1	2.52	100	7.34	2.10	0.006	0.007	0.001	-0.001	02/02/2018	15:15
26	J1436-05		1	2.53	100	7.90	2.39	0.057	0.057	0.000	-0.002	02/02/2018	15:16
27	CCV3	0.5	1	100	100		2.24	0.000	0.388	0.388	0.505	02/02/2018	15:16
28	CCB3		1	100	100		1.71	0.000	0.000	0.000	-0.002	02/02/2018	15:17
29	J1436-09		1	2.52	100	7.81	2.18	0.034	0.034	0.000	-0.002	02/02/2018	15:17
30	J1436-13		1	2.50	100	7.66	2.33	0.060	0.060	0.000	-0.002	02/02/2018	15:18
31	J1436-17		1	2.55	100	7.48	1.84	0.015	0.015	0.000	-0.002	02/02/2018	15:18
32	CCV4	0.5	1	100	100		1.77	0.000	0.388	0.388	0.505	02/02/2018	15:19
33	CCB4		1	100	100		2.13	0.000	0.000	0.000	-0.002	02/02/2018	15:19