

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93679

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62451
Calibration Std. hexchrome 0.05 ppm	WP62450
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62453
Calibratation STD Hexa Chrome 0.5 PPM	WP62452
calibration std. hexchrome 0.01 ppm	WP62448
calibration std. hexchrome 0 ppm	WP62447
Hexavalent Chromium ICV Std.	WP62454
Hexavalent Chromium CCV Std	WP62455
hexavalent chromium color reagent	WP62357
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62449

Intercept: 0.0002

Slope: 0.7681

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		2.28	0.000	0.000	0.000	03/04/2018	14:00
2	CAL2	0.01	1	100	100		1.60	0.000	0.007	0.007	03/04/2018	14:00
3	CAL3	0.025	1	100	100		2.37	0.000	0.017	0.017	03/04/2018	14:01
4	CAL4	0.05	1	100	100		2.48	0.000	0.039	0.039	03/04/2018	14:01
5	CAL5	0.1	1	100	100		1.66	0.000	0.078	0.078	03/04/2018	14:02
6	CAL6	0.5	1	100	100		1.91	0.000	0.389	0.389	03/04/2018	14:02
7	CAL7	1	1	100	100		2.05	0.000	0.766	0.766	03/04/2018	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		1.99	0.000	0.390	0.390	0.507	03/04/2018	14:03
2	ICB		1	100	100		1.73	0.000	0.000	0.000	0.000	03/04/2018	14:04
3	CCV1	0.5	1	100	100		1.81	0.000	0.390	0.390	0.507	03/04/2018	14:05
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	0.000	03/04/2018	14:05
5	PB107063BL		1	2.54	100	7.13	2.35	0.000	0.000	0.000	0.000	03/04/2018	14:06
6	PB107063BS	20	1	2.51	100	7.25	1.74	0.000	0.376	0.376	0.489	03/04/2018	14:06
7	J1736-01		1	2.55	100	7.06	1.87	0.019	0.019	0.000	0.000	03/04/2018	14:07
8	J1738-02		1	2.53	100	7.55	2.21	0.003	0.015	0.012	0.015	03/04/2018	14:07
9	J1751-01		1	2.53	100	7.90	2.36	0.016	0.016	0.000	0.000	03/04/2018	14:08
10	J1751-01DUP		1	2.50	100	7.46	1.91	0.015	0.015	0.000	0.000	03/04/2018	14:08
11	J1751-01MSPre	40	2	2.51	100	7.44	2.18	0.018	0.113	0.095	0.123	03/04/2018	14:09
12	J1751-01MS2Ins	1284	40	2.55	100	7.20	2.24	0.012	0.587	0.575	0.748	03/04/2018	14:09
13	J1751-01MS3Post	40	2	2.52	100	7.17	2.39	0.020	0.210	0.190	0.247	03/04/2018	14:10
14	J1751-03		1	2.51	100	7.63	1.60	0.042	0.042	0.000	0.000	03/04/2018	14:10
15	CCV2	0.5	1	100	100		1.75	0.000	0.391	0.391	0.509	03/04/2018	14:11
16	CCB2		1	100	100		2.41	0.000	0.000	0.000	0.000	03/04/2018	14:11
17	J1751-05		1	2.52	100	7.40	2.23	0.051	0.051	0.000	0.000	03/04/2018	14:12
18	J1751-07		1	2.50	100	7.35	2.15	0.033	0.033	0.000	0.000	03/04/2018	14:12
19	J1751-09		1	2.51	100	7.18	1.88	0.018	0.018	0.000	0.000	03/04/2018	14:13
20	J1751-11		1	2.54	100	7.09	1.56	0.012	0.012	0.000	0.000	03/04/2018	14:13
21	J1751-13		1	2.53	100	7.10	1.97	0.017	0.017	0.000	0.000	03/04/2018	14:14
22	J1751-15		1	2.50	100	7.17	2.03	0.019	0.019	0.000	0.000	03/04/2018	14:14
23	J1751-17		1	2.52	100	7.69	2.10	0.023	0.023	0.000	0.000	03/04/2018	14:15
24	J1766-01		1	2.55	100	7.58	1.78	0.009	0.020	0.011	0.014	03/04/2018	14:15
25	J1783-01		1	2.52	100	7.33	2.37	0.081	0.081	0.000	0.000	03/04/2018	14:16
26	CCV3	0.5	1	100	100		1.59	0.000	0.391	0.391	0.509	03/04/2018	14:16
27	CCB3		1	100	100		2.45	0.000	0.000	0.000	0.000	03/04/2018	14:17