

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93726

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62521
Calibration Std. hexchrome 0.05 ppm	WP62520
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62523
Calibratation STD Hexa Chrome 0.5 PPM	WP62522
calibration std. hexchrome 0.01 ppm	WP62518
calibration std. hexchrome 0 ppm	WP62517
Hexavalent Chromium ICV Std.	WP62524
Hexavalent Chromium CCV Std	WP62525
hexavalent chromium color reagent	WP62357
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62519

Intercept: -0.0002

Slope: 0.7676

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		2.10	0.000	0.000	0.000	03/06/2018	14:00
2	CAL2	0.01	1	100	100		2.32	0.000	0.007	0.007	03/06/2018	14:00
3	CAL3	0.025	1	100	100		2.12	0.000	0.015	0.015	03/06/2018	14:01
4	CAL4	0.05	1	100	100		2.11	0.000	0.038	0.038	03/06/2018	14:01
5	CAL5	0.1	1	100	100		2.23	0.000	0.080	0.080	03/06/2018	14:02
6	CAL6	0.5	1	100	100		2.34	0.000	0.386	0.386	03/06/2018	14:02
7	CAL7	1	1	100	100		2.13	0.000	0.766	0.766	03/06/2018	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		2.13	0.000	0.391	0.391	0.510	03/06/2018	14:03
2	ICB		1	100	100		2.23	0.000	0.000	0.000	0.000	03/06/2018	14:04
3	CCV1	0.5	1	100	100		2.45	0.000	0.391	0.391	0.510	03/06/2018	14:04
4	CCB1		1	100	100		1.58	0.000	0.000	0.000	0.000	03/06/2018	14:05
5	PB107137BL		1	2.52	100	7.32	1.99	0.000	0.000	0.000	0.000	03/06/2018	14:05
6	PB107137BS	20	1	2.54	100	7.25	2.10	0.000	0.375	0.375	0.489	03/06/2018	14:06
7	J1724-01		1	2.51	100	7.54	2.11	0.012	0.012	0.000	0.000	03/06/2018	14:06
8	J1724-03		1	2.55	100	7.65	1.59	0.009	0.009	0.000	0.000	03/06/2018	14:07
9	J1724-05		1	2.54	100	7.54	1.69	0.017	0.017	0.000	0.000	03/06/2018	14:07
10	J1724-07		1	2.51	100	7.23	2.15	0.007	0.007	0.000	0.000	03/06/2018	14:08
11	J1724-09		1	2.50	100	7.56	2.32	0.015	0.015	0.000	0.000	03/06/2018	14:08
12	J1724-11		1	2.52	100	7.36	1.98	0.015	0.015	0.000	0.000	03/06/2018	14:09
13	J1724-13		1	2.51	100	7.22	1.89	0.008	0.009	0.001	0.002	03/06/2018	14:09
14	J1724-15		1	2.55	100	7.42	2.05	0.015	0.017	0.002	0.003	03/06/2018	14:10
15	CCV2	0.5	1	100	100		2.11	0.000	0.391	0.391	0.510	03/06/2018	14:10
16	CCB2		1	100	100		2.32	0.000	0.000	0.000	0.000	03/06/2018	14:11
17	J1724-17		1	2.53	100	7.89	2.45	0.011	0.011	0.000	0.000	03/06/2018	14:11
18	J1724-19		1	2.52	100	7.36	1.98	0.008	0.008	0.000	0.000	03/06/2018	14:12
19	J1809-01		1	2.54	100	7.54	1.99	0.002	0.002	0.000	0.000	03/06/2018	14:12
20	J1809-05		1	2.51	100	7.84	2.15	0.009	0.009	0.000	0.000	03/06/2018	14:13
21	J1809-05DUP		1	2.53	100	7.65	2.65	0.010	0.010	0.000	0.000	03/06/2018	14:13
22	J1809-05MSPre	40	2	2.55	100	7.65	1.57	0.003	0.360	0.357	0.465	03/06/2018	14:14
23	J1809-05MS2Ins	1284	40	2.55	100	7.65	2.32	0.003	0.622	0.619	0.807	03/06/2018	14:14
24	J1809-05MS3Post	40	2	2.55	100	7.45	2.12	0.005	0.347	0.342	0.446	03/06/2018	14:15
25	J1810-01		1	2.55	100	7.85	1.67	0.018	0.018	0.000	0.000	03/06/2018	14:15
26	J1810-03		1	2.50	100	7.63	1.65	0.106	0.106	0.000	0.000	03/06/2018	14:16
27	CCV3	0.5	1	100	100		1.46	0.000	0.392	0.392	0.511	03/06/2018	14:16
28	CCB3		1	100	100		2.11	0.000	0.000	0.000	0.000	03/06/2018	14:17
29	PB107136BL		1	2.55	100	7.65	1.98	0.000	0.000	0.000	0.000	03/06/2018	14:17
30	PB107136BS	20	1	2.51	100	7.85	1.78	0.000	0.375	0.375	0.489	03/06/2018	14:18
31	J1723-01		1	2.54	100	7.46	1.98	0.009	0.009	0.000	0.000	03/06/2018	14:18
32	J1723-03		1	2.55	100	7.89	2.32	0.006	0.006	0.000	0.000	03/06/2018	14:19
33	J1723-05		1	2.51	100	7.64	2.15	0.008	0.008	0.000	0.000	03/06/2018	14:19
34	J1723-07		1	2.55	100	7.32	1.98	0.009	0.011	0.002	0.003	03/06/2018	14:20
35	J1723-09		1	2.54	100	7.63	1.65	0.010	0.010	0.000	0.000	03/06/2018	14:20
36	J1723-11		1	2.51	100	7.21	2.10	0.008	0.008	0.000	0.000	03/06/2018	14:21
37	J1723-13		1	2.50	100	7.41	2.36	0.015	0.015	0.000	0.000	03/06/2018	14:21
38	J1723-15		1	2.51	100	7.84	1.64	0.007	0.007	0.000	0.000	03/06/2018	14:22
39	CCV4	0.5	1	100	100		1.86	0.000	0.391	0.391	0.510	03/06/2018	14:22
40	CCB4		1	100	100		1.69	0.000	0.000	0.000	0.000	03/06/2018	14:23
41	J1723-17		1	2.52	100	7.12	2.12	0.010	0.010	0.000	0.000	03/06/2018	14:23
42	J1723-19		1	2.50	100	7.32	2.32	0.014	0.014	0.000	0.000	03/06/2018	14:24

43	J1723-19DUP		1	2.54	100	7.64	2.16	0.015	0.015	0.000	0.000	03/06/2018	14:24
44	J1723-19MSPre	40	2	2.53	100	7.32	1.89	0.011	0.184	0.173	0.226	03/06/2018	14:25
45	J1723-19MS2Ins	1284	40	2.53	100	7.36	2.06	0.008	0.623	0.615	0.801	03/06/2018	14:25
46	J1723-19MS3Post	40	2	2.53	100	7.25	2.36	0.009	0.145	0.136	0.177	03/06/2018	14:26
47	CCV5	0.5	1	100	100		2.45	0.000	0.390	0.390	0.508	03/06/2018	14:26
48	CCB5		1	100	100		1.65	0.000	0.000	0.000	0.000	03/06/2018	14:26