



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94215

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63136
Calibration Std. hexchrome 0.05 ppm	WP63135
5N sulfuric acid	WP61786
Calibration STD HexaChrome 1 PPM	WP63138
Calibration STD Hexa Chrome 0.5 PPM	WP63137
calibration std. hexchrome 0.01 ppm	WP63133
calibration std. hexchrome 0 ppm	WP63132
Hexavalent Chromium ICV Std.	WP63139
Hexavalent Chromium CCV Std	WP63141
hexavalent chromium color reagent	WP62892
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63134

Intercept: 0.0002

Slope: 0.7718

Regression: 0.999975

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.90	0.000	0.000	0.000	03/28/2018	14:50
2	CAL2	0.01	1	100	100		1.70	0.000	0.007	0.007	03/28/2018	14:50
3	CAL3	0.025	1	100	100		2.18	0.000	0.018	0.018	03/28/2018	14:51
4	CAL4	0.05	1	100	100		1.65	0.000	0.038	0.038	03/28/2018	14:51
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	03/28/2018	14:52
6	CAL6	0.5	1	100	100		2.21	0.000	0.390	0.390	03/28/2018	14:52
7	CAL7	1	1	100	100		2.39	0.000	0.770	0.770	03/28/2018	14:53



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94215

pH Meter ID: WC pH Meter-1

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		2.10	0.000	0.391	0.391	0.506	03/28/2018	14:53
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	03/28/2018	14:54
3	CCV1	0.5	1	100	100		1.58	0.000	0.391	0.391	0.506	03/28/2018	14:54
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.000	03/28/2018	14:55
5	PB107755BL		1	2.51	100	7.33	2.15	0.000	0.000	0.000	0.000	03/28/2018	14:55
6	PB107755BS	20	1	2.50	100	7.10	1.87	0.000	0.375	0.375	0.486	03/28/2018	14:56
7	J2087-01		1	2.55	100	7.15	1.74	0.036	0.036	0.000	0.000	03/28/2018	14:56
8	J2088-01		1	2.53	100	7.69	2.36	0.013	0.013	0.000	0.000	03/28/2018	14:57
9	J2088-04		1	2.52	100	7.21	2.41	0.030	0.030	0.000	0.000	03/28/2018	14:57
10	J2091-01		1	2.53	100	7.63	1.72	0.005	0.005	0.000	0.000	03/28/2018	14:58
11	J2091-01DUP		1	2.52	100	7.88	1.99	0.006	0.006	0.000	0.000	03/28/2018	14:58
12	J2091-01MSPre	40	2	2.50	100	7.20	2.21	0.007	0.351	0.344	0.445	03/28/2018	14:59
13	J2091-01MS2Ins	1284	40	2.52	100	7.10	2.37	0.004	0.588	0.584	0.756	03/28/2018	14:59
14	J2091-01MS3Post	40	2	2.50	100	7.12	1.77	0.008	0.358	0.350	0.453	03/28/2018	15:00
15	CCV2	0.5	1	100	100		2.10	0.000	0.391	0.391	0.506	03/28/2018	15:00
16	CCB2		1	100	100		1.54	0.000	0.000	0.000	0.000	03/28/2018	15:01
17	J2092-01		1	2.51	100	7.16	2.44	0.007	0.007	0.000	0.000	03/28/2018	15:01
18	J2093-01		1	2.54	100	7.22	1.96	0.006	0.006	0.000	0.000	03/28/2018	15:02
19	J2096-01		1	2.50	100	7.18	2.18	0.039	0.039	0.000	0.000	03/28/2018	15:02
20	J2100-01		1	2.52	100	7.10	1.54	0.013	0.013	0.000	0.000	03/28/2018	15:03
21	J2100-04		1	2.55	100	7.90	2.38	0.044	0.044	0.000	0.000	03/28/2018	15:03
22	PB107750BL		1	2.54	100	7.63	2.15	0.000	0.000	0.000	0.000	03/28/2018	15:04
23	PB107750BS	20	1	2.55	100	7.40	1.75	0.000	0.388	0.388	0.502	03/28/2018	15:04
24	J1754-11		1	2.50	100	7.58	1.69	0.021	0.021	0.000	0.000	03/28/2018	15:05
25	J1754-13		1	2.53	100	7.39	2.10	0.018	0.018	0.000	0.000	03/28/2018	15:05
26	J1754-15		1	2.53	100	7.40	2.24	0.014	0.014	0.000	0.000	03/28/2018	15:06
27	CCV3	0.5	1	100	100		1.93	0.000	0.391	0.391	0.506	03/28/2018	15:06
28	CCB3		1	100	100		1.87	0.000	0.000	0.000	0.000	03/28/2018	15:07
29	J1754-17		1	2.55	100	7.52	2.35	0.016	0.016	0.000	0.000	03/28/2018	15:07
30	J1754-19		1	2.54	100	7.44	2.10	0.024	0.024	0.000	0.000	03/28/2018	15:08
31	J1756-11		1	2.52	100	7.01	1.90	0.012	0.012	0.000	0.000	03/28/2018	15:08
32	J1756-13		1	2.51	100	7.33	1.78	0.023	0.023	0.000	0.000	03/28/2018	15:09
33	J2080-07		1	2.50	100	7.25	2.24	0.008	0.008	0.000	0.000	03/28/2018	15:09
34	J2080-07DUP		1	2.52	100	7.12	2.31	0.007	0.007	0.000	0.000	03/28/2018	15:10
35	J2080-07MSPre	40	2	2.53	100	7.69	2.44	0.011	0.365	0.354	0.458	03/28/2018	15:10
36	J2080-07MS2Ins	1284	40	2.50	100	7.30	1.88	0.010	0.607	0.597	0.773	03/28/2018	15:11
37	J2080-07MS3Post	40	2	2.51	100	7.25	1.99	0.015	0.372	0.357	0.462	03/28/2018	15:11
38	J2085-01		1	2.54	100	7.20	2.05	0.137	0.138	0.001	0.001	03/28/2018	15:12
39	CCV4	0.5	1	100	100		2.20	0.000	0.392	0.392	0.508	03/28/2018	15:12
40	CCB4		1	100	100		2.27	0.000	0.000	0.000	0.000	03/28/2018	15:13
41	J2086-01		1	2.52	100	7.96	1.93	0.006	0.006	0.000	0.000	03/28/2018	15:13
42	CCV5	0.5	1	100	100		2.05	0.000	0.392	0.392	0.508	03/28/2018	15:14

43	CCB5		1	100	100		1.81	0.000	0.000	0.000	0.000	03/28/2018	15:14
----	------	--	---	-----	-----	--	------	-------	-------	-------	-------	------------	-------