

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93175

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61738
Calibration Std. hexchrome 0.05 ppm	WP61737
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61740
Calibratation STD Hexa Chrome 0.5 PPM	WP61739
calibration std. hexchrome 0.01 ppm	WP61735
calibration std. hexchrome 0 ppm	WP61734
Hexavalent Chromium ICV Std.	WP61741
Hexavalent Chromium CCV Std	WP61742
hexavalent chromium color reagent	WP61709
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61736

Intercept: -0.0001

Slope: 0.767

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		1.80	0.000	0.000	0.000	02/08/2018	14:00
2	CAL2	0.01	1	100	100		2.15	0.000	0.007	0.007	02/08/2018	14:00
3	CAL3	0.025	1	100	100		1.63	0.000	0.017	0.017	02/08/2018	14:01
4	CAL4	0.05	1	100	100		2.22	0.000	0.038	0.038	02/08/2018	14:01
5	CAL5	0.1	1	100	100		2.38	0.000	0.079	0.079	02/08/2018	14:02
6	CAL6	0.5	1	100	100		1.71	0.000	0.385	0.385	02/08/2018	14:02
7	CAL7	1	1	100	100		1.88	0.000	0.766	0.766	02/08/2018	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		2.04	0.000	0.387	0.387	0.505	02/08/2018	14:03
2	ICB		1	100	100		2.41	0.000	0.000	0.000	0.000	02/08/2018	14:04
3	CCV1	0.5	1	100	100		1.75	0.000	0.388	0.388	0.506	02/08/2018	14:04
4	CCB1		1	100	100		1.58	0.000	0.000	0.000	0.000	02/08/2018	14:05
5	PB106406BL		1	2.55	100	7.20	2.20	0.000	0.000	0.000	0.000	02/08/2018	14:05
6	PB106406BS	20	1	2.54	100	7.21	2.33	0.000	0.365	0.365	0.476	02/08/2018	14:06
7	J1469-01		1	2.52	100	7.63	1.77	0.028	0.028	0.000	0.000	02/08/2018	14:06
8	J1469-03		1	2.50	100	7.94	1.65	0.015	0.015	0.000	0.000	02/08/2018	14:07
9	J1469-03DUP		1	2.51	100	7.05	1.89	0.014	0.014	0.000	0.000	02/08/2018	14:07
10	J1469-03MSPre	40	2	2.52	100	7.36	2.04	0.017	0.371	0.354	0.462	02/08/2018	14:08
11	J1469-03MS2Ins	1284	40	2.50	100	7.41	2.38	0.013	0.610	0.597	0.778	02/08/2018	14:08
12	J1469-03MS3Post	40	2	2.54	100	7.86	2.27	0.018	0.377	0.359	0.468	02/08/2018	14:09
13	J1469-05		1	2.53	100	7.23	1.97	0.023	0.023	0.000	0.000	02/08/2018	14:09
14	J1469-07		1	2.55	100	7.10	1.60	0.093	0.093	0.000	0.000	02/08/2018	14:10
15	CCV2	0.5	1	100	100		2.03	0.000	0.388	0.388	0.506	02/08/2018	14:10
16	CCB2		1	100	100		1.87	0.000	0.000	0.000	0.000	02/08/2018	14:11
17	J1469-09		1	2.52	100	7.21	2.35	0.071	0.071	0.000	0.000	02/08/2018	14:11
18	J1469-11		1	2.50	100	7.34	2.20	0.050	0.050	0.000	0.000	02/08/2018	14:12
19	J1469-13		1	2.51	100	7.71	1.77	0.065	0.065	0.000	0.000	02/08/2018	14:12
20	J1469-15		1	2.54	100	7.98	1.54	0.070	0.070	0.000	0.000	02/08/2018	14:13
21	J1469-17		1	2.55	100	7.54	2.24	0.059	0.059	0.000	0.000	02/08/2018	14:13
22	J1469-19		1	2.50	100	7.36	2.30	0.083	0.083	0.000	0.000	02/08/2018	14:14
23	PB106405BL		1	2.50	100	7.20	1.62	0.000	0.000	0.000	0.000	02/08/2018	14:14
24	PB106405BS	20	1	2.54	100	7.90	1.55	0.000	0.370	0.370	0.483	02/08/2018	14:15
25	J1404-01		1	2.52	100	7.32	2.18	0.019	0.019	0.000	0.000	02/08/2018	14:15
26	J1476-01		1	2.50	100	7.82	2.44	0.093	0.093	0.000	0.000	02/08/2018	14:16
27	CCV3	0.5	1	100	100		2.47	0.000	0.388	0.388	0.506	02/08/2018	14:16
28	CCB3		1	100	100		2.34	0.000	0.000	0.000	0.000	02/08/2018	14:17
29	J1476-03		1	2.51	100	7.23	2.23	0.085	0.085	0.000	0.000	02/08/2018	14:17
30	J1476-05		1	2.52	100	7.30	2.30	0.079	0.079	0.000	0.000	02/08/2018	14:18
31	J1485-01		1	2.53	100	7.28	1.54	0.036	0.036	0.000	0.000	02/08/2018	14:18
32	J1485-03		1	2.55	100	7.36	1.62	0.031	0.031	0.000	0.000	02/08/2018	14:19
33	J1491-01		1	2.50	100	7.40	2.39	0.005	0.005	0.000	0.000	02/08/2018	14:19
34	J1491-01DUP		1	2.53	100	7.39	2.01	0.006	0.006	0.000	0.000	02/08/2018	14:20
35	J1491-01MSPre	40	2	2.51	100	7.11	2.15	0.007	0.135	0.128	0.167	02/08/2018	14:20
36	J1491-01MS2Ins	1284	40	2.55	100	7.39	1.78	0.006	0.613	0.607	0.792	02/08/2018	14:21
37	J1491-01MS3Post	40	2	2.53	100	7.25	1.66	0.010	0.210	0.200	0.261	02/08/2018	14:21
38	J1492-01		1	2.51	100	7.45	1.89	0.008	0.009	0.001	0.001	02/08/2018	14:22
39	CCV4	0.5	1	100	100		2.00	0.000	0.389	0.389	0.507	02/08/2018	14:22
40	CCB4		1	100	100		2.31	0.000	0.000	0.000	0.000	02/08/2018	14:23
41	J1493-01		1	2.54	100	7.38	1.79	0.010	0.010	0.000	0.000	02/08/2018	14:23
42	CCV5	0.5	1	100	100		1.85	0.000	0.389	0.389	0.507	02/08/2018	14:24

43	CCB5		1	100	100		2.29	0.000	0.000	0.000	0.000	02/08/2018	14:24
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