

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93223

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61833
Calibration Std. hexchrome 0.05 ppm	WP61832
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP61835
Calibratation STD Hexa Chrome 0.5 PPM	WP61834
calibration std. hexchrome 0.01 ppm	WP61830
calibration std. hexchrome 0 ppm	WP61829
Hexavalent Chromium ICV Std.	WP61836
Hexavalent Chromium CCV Std	WP61837
hexavalent chromium color reagent	WP61709
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP61831

Intercept: 0.0002

Slope: 0.7667

Regression: 0.999987

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		2.16	0.000	0.000	0.000	02/12/2018	12:32
2	CAL2	0.01	1	100	100		1.89	0.000	0.008	0.008	02/12/2018	12:32
3	CAL3	0.025	1	100	100		1.54	0.000	0.017	0.017	02/12/2018	12:33
4	CAL4	0.05	1	100	100		2.03	0.000	0.038	0.038	02/12/2018	12:33
5	CAL5	0.1	1	100	100		2.21	0.000	0.079	0.079	02/12/2018	12:34
6	CAL6	0.5	1	100	100		2.48	0.000	0.385	0.385	02/12/2018	12:34
7	CAL7	1	1	100	100		2.09	0.000	0.766	0.766	02/12/2018	12:32



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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		1.96	0.000	0.387	0.387	0.504	02/12/2018	12:32
2	ICB		1	100	100		2.33	0.000	0.000	0.000	0.000	02/12/2018	12:33
3	CCV1	0.5	1	100	100		2.25	0.000	0.387	0.387	0.504	02/12/2018	12:33
4	CCB1		1	100	100		1.69	0.000	0.000	0.000	0.000	02/12/2018	12:34
5	PB106458BL		1	2.53	100	7.80	1.74	0.000	0.000	0.000	0.000	02/12/2018	12:34
6	PB106458BS	20	1	2.52	100	7.52	1.52	0.000	0.371	0.371	0.484	02/12/2018	12:35
7	J1516-01		1	2.50	100	7.77	2.01	0.006	0.006	0.000	0.000	02/12/2018	12:35
8	J1516-01DUP		1	2.51	100	7.09	2.03	0.007	0.007	0.000	0.000	02/12/2018	12:36
9	J1516-01MSPre	40	2	2.55	100	7.63	1.56	0.009	0.347	0.338	0.441	02/12/2018	12:36
10	J1516-01MS2Ins	1284	40	2.50	100	7.86	2.33	0.005	0.581	0.576	0.751	02/12/2018	12:37
11	J1516-01MS3Post	40	2	2.51	100	7.69	2.08	0.010	0.359	0.349	0.455	02/12/2018	12:37
12	J1517-01		1	2.50	100	7.20	1.93	0.011	0.011	0.000	0.000	02/12/2018	12:38
13	J1517-03		1	2.53	100	7.08	1.66	0.005	0.009	0.004	0.005	02/12/2018	12:38
14	J1517-05		1	2.51	100	7.69	2.44	0.012	0.020	0.008	0.010	02/12/2018	12:39
15	CCV2	0.5	1	100	100		2.14	0.000	0.388	0.388	0.506	02/12/2018	12:39
16	CCB2		1	100	100		1.67	0.000	0.000	0.000	0.000	02/12/2018	12:40
17	J1517-07		1	2.55	100	7.66	1.98	0.009	0.009	0.000	0.000	02/12/2018	12:40
18	J1517-15		1	2.50	100	7.12	2.05	0.025	0.025	0.000	0.000	02/12/2018	12:41
19	J1520-01		1	2.55	100	7.89	2.39	0.003	0.003	0.000	0.000	02/12/2018	12:41
20	J1525-01		1	2.51	100	7.63	2.21	0.082	0.082	0.000	0.000	02/12/2018	12:42
21	J1525-03		1	2.53	100	7.43	1.71	0.055	0.055	0.000	0.000	02/12/2018	12:42
22	J1525-05		1	2.54	100	7.69	1.85	0.044	0.044	0.000	0.000	02/12/2018	12:43
23	J1526-01		1	2.51	100	7.10	2.46	0.017	0.017	0.000	0.000	02/12/2018	12:43
24	PB106457BL		1	2.50	100	7.25	2.23	0.000	0.000	0.000	0.000	02/12/2018	12:44
25	PB106457BS	20	1	2.51	100	7.36	2.11	0.000	0.357	0.357	0.465	02/12/2018	12:44
26	J1499-01		1	2.52	100	7.24	1.77	0.006	0.006	0.000	0.000	02/12/2018	12:45
27	CCV3	0.5	1	100	100		1.88	0.000	0.388	0.388	0.506	02/12/2018	12:45
28	CCB3		1	100	100		1.95	0.000	0.000	0.000	0.000	02/12/2018	12:46
29	J1507-01		1	2.55	100	7.81	2.10	0.012	0.012	0.000	0.000	02/12/2018	12:46
30	J1510-03		1	2.51	100	7.75	1.66	0.002	0.007	0.005	0.006	02/12/2018	12:47
31	J1511-01		1	2.50	100	7.61	2.28	0.008	0.008	0.000	0.000	02/12/2018	12:47
32	J1511-02		1	2.55	100	7.80	2.24	0.023	0.036	0.013	0.017	02/12/2018	12:48
33	J1511-03		1	2.50	100	7.41	1.79	0.020	0.020	0.000	0.000	02/12/2018	12:48
34	J1511-03DUP		1	2.53	100	7.59	1.62	0.018	0.018	0.000	0.000	02/12/2018	12:49
35	J1511-03MSPre	40	2	2.54	100	7.60	1.87	0.023	0.251	0.228	0.297	02/12/2018	12:49
36	J1511-03MS2Ins	1284	40	2.54	100	7.35	2.19	0.013	0.607	0.594	0.774	02/12/2018	12:50
37	J1511-03MS3Post	40	2	2.54	100	7.90	2.04	0.025	0.290	0.265	0.345	02/12/2018	12:50
38	J1512-01		1	2.50	100	7.11	2.36	0.045	0.045	0.000	0.000	02/12/2018	12:51
39	CCV4	0.5	1	100	100		1.79	0.000	0.388	0.388	0.506	02/12/2018	12:51
40	CCB4		1	100	100		1.65	0.000	0.000	0.000	0.000	02/12/2018	12:52
41	J1512-04		1	2.51	100	7.28	2.20	0.009	0.009	0.000	0.000	02/12/2018	12:52
42	J1512-07		1	2.52	100	7.31	2.18	0.016	0.016	0.000	0.000	02/12/2018	12:53

43	J1512-10		1	2.54	100	7.25	1.70	0.019	0.019	0.000	0.000	02/12/2018	12:53
44	CCV5	0.5	1	100	100		1.56	0.000	0.387	0.387	0.504	02/12/2018	12:54
45	CCB5		1	100	100		2.30	0.000	0.000	0.000	0.000	02/12/2018	12:54