

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92772

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61166
Calibration Std. hexchrome 0.05 ppm	WP61165
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61168
Calibratation STD Hexa Chrome 0.5 PPM	WP61167
calibration std. hexchrome 0.01 ppm	WP61161
calibration std. hexchrome 0 ppm	WP61160
Hexavalent Chromium ICV Std.	WP61169
Hexavalent Chromium CCV Std	WP61170
hexavalent chromium color reagent	WP61054
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61164

Intercept: -0

Slope: 0.7645

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		2.05	0.000	0.000	0.000	01/22/2018	14:30
2	CAL2	0.01	1	100	100		2.13	0.000	0.008	0.008	01/22/2018	14:30
3	CAL3	0.025	1	100	100		1.66	0.000	0.016	0.016	01/22/2018	14:31
4	CAL4	0.05	1	100	100		1.78	0.000	0.039	0.039	01/22/2018	14:31
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	01/22/2018	14:32
6	CAL6	0.5	1	100	100		2.44	0.000	0.383	0.383	01/22/2018	14:32
7	CAL7	1	1	100	100		1.85	0.000	0.764	0.764	01/22/2018	14:33



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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	0.382	0.382	0.500	01/22/2018	14:33
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	01/22/2018	14:34
3	CCV1	0.5	1	100	100		2.32	0.000	0.384	0.384	0.502	01/22/2018	14:44
4	CCB1		1	100	100		1.57	0.000	0.000	0.000	0.000	01/22/2018	14:45
5	PB105861BL		1	2.52	100	7.82	2.25	0.000	0.000	0.000	0.000	01/22/2018	14:45
6	PB105861BS	20	1	2.53	100	7.22	2.37	0.000	0.373	0.373	0.488	01/22/2018	14:46
7	J1210-01		1	2.53	100	7.10	1.68	0.010	0.010	0.000	0.000	01/22/2018	14:46
8	J1210-01DUP		1	2.55	100	7.60	1.93	0.009	0.009	0.000	0.000	01/22/2018	14:47
9	J1210-01MSPre	40	2	2.51	100	7.41	2.06	0.011	0.353	0.342	0.447	01/22/2018	14:47
10	J1210-01MS2Ins	1284	40	2.50	100	7.69	1.87	0.008	0.601	0.593	0.776	01/22/2018	14:48
11	J1210-01MS3Post	40	2	2.51	100	7.13	1.91	0.013	0.359	0.346	0.453	01/22/2018	14:48
12	J1210-04		1	2.55	100	7.19	2.14	0.015	0.015	0.000	0.000	01/22/2018	14:49
13	J1210-07		1	2.51	100	7.05	2.21	0.008	0.008	0.000	0.000	01/22/2018	14:49
14	J1210-10		1	2.52	100	7.10	1.88	0.013	0.013	0.000	0.000	01/22/2018	14:50
15	CCV2	0.5	1	100	100		1.03	0.000	0.385	0.385	0.504	01/22/2018	14:50
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.000	01/22/2018	14:51
17	J1212-03		1	2.50	100	7.44	1.79	0.004	0.004	0.000	0.000	01/22/2018	14:51
18	J1214-01		1	2.55	100	7.69	1.69	0.090	0.090	0.000	0.000	01/22/2018	14:52
19	J1214-02		1	2.52	100	7.90	2.46	0.086	0.086	0.000	0.000	01/22/2018	14:52
20	J1218-01		1	2.50	100	7.81	2.20	0.006	0.006	0.000	0.000	01/22/2018	14:53
21	J1228-22		1	2.51	100	7.33	2.33	0.172	0.173	0.001	0.001	01/22/2018	14:53
22	J1228-23		1	2.52	100	7.10	1.54	0.009	0.009	0.000	0.000	01/22/2018	14:54
23	J1228-24		1	2.51	100	7.28	2.23	0.011	0.011	0.000	0.000	01/22/2018	14:54
24	J1228-25		1	2.55	100	7.51	1.81	0.016	0.016	0.000	0.000	01/22/2018	14:55
25	J1228-26		1	2.54	100	7.64	2.07	0.014	0.014	0.000	0.000	01/22/2018	14:55
26	J1229-02		1	2.50	100	7.32	2.19	0.017	0.017	0.000	0.000	01/22/2018	14:56
27	CCV3	0.5	1	100	100		1.63	0.000	0.385	0.385	0.504	01/22/2018	14:56
28	CCB3		1	100	100		1.88	0.000	0.000	0.000	0.000	01/22/2018	14:57
29	J1240-01		1	2.54	100	7.88	1.94	0.021	0.021	0.000	0.000	01/22/2018	14:57
30	CCV4	0.5	1	100	100		2.22	0.000	0.386	0.386	0.505	01/22/2018	14:58
31	CCB4		1	100	100		2.41	0.000	0.000	0.000	0.000	01/22/2018	14:58