

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92616

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60976
Calibration Std. hexchrome 0.05 ppm	WP60975
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP60978
Calibratation STD Hexa Chrome 0.5 PPM	WP60977
calibration std. hexchrome 0.01 ppm	WP60972
calibration std. hexchrome 0 ppm	WP60966
Hexavalent Chromium ICV Std.	WP60979
Hexavalent Chromium CCV Std	WP60981
hexavalent chromium color reagent	WP60832
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP60974

Intercept: 0.0004

Slope: 0.7759

Regression: 0.999939

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		2.30	0.000	0.000	0.000	01/15/2018	14:00
2	CAL2	0.01	1	100	100		1.69	0.000	0.008	0.008	01/15/2018	14:00
3	CAL3	0.025	1	100	100		1.55	0.000	0.017	0.017	01/15/2018	14:01
4	CAL4	0.05	1	100	100		2.22	0.000	0.039	0.039	01/15/2018	14:01
5	CAL5	0.1	1	100	100		2.41	0.000	0.078	0.078	01/15/2018	14:02
6	CAL6	0.5	1	100	100		1.98	0.000	0.395	0.395	01/15/2018	14:02
7	CAL7	1	1	100	100		1.67	0.000	0.773	0.773	01/15/2018	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		1.78	0.000	0.390	0.390	0.502	01/15/2018	14:03
2	ICB		1	100	100		2.25	0.000	0.000	0.000	-0.001	01/15/2018	14:04
3	CCV1	0.5	1	100	100		2.26	0.000	0.391	0.391	0.503	01/15/2018	14:04
4	CCB1		1	100	100		2.34	0.000	0.000	0.000	-0.001	01/15/2018	14:05
5	PB105669BL		1	2.52	100	7.15	1.88	0.000	0.000	0.000	-0.001	01/15/2018	14:05
6	PB105669BS	20	1	2.54	100	7.06	1.67	0.000	0.371	0.371	0.478	01/15/2018	14:06
7	J1016-03		1	2.55	100	7.39	2.09	0.025	0.025	0.000	-0.001	01/15/2018	14:06
8	J1019-05		1	2.56	100	7.80	2.37	0.039	0.039	0.000	-0.001	01/15/2018	14:07
9	J1019-07		1	2.50	100	7.50	1.69	0.043	0.043	0.000	-0.001	01/15/2018	14:07
10	J1019-09		1	2.51	100	7.44	1.54	0.029	0.029	0.000	-0.001	01/15/2018	14:08
11	J1022-06		1	2.53	100	7.53	2.23	0.032	0.032	0.000	-0.001	01/15/2018	14:08
12	J1117-07		1	2.55	100	7.44	2.45	0.015	0.017	0.002	0.002	01/15/2018	14:09
13	J1117-12		1	2.54	100	7.63	2.21	0.026	0.026	0.000	-0.001	01/15/2018	14:09
14	J1117-16		1	2.52	100	7.29	1.97	0.028	0.029	0.001	0.001	01/15/2018	14:10
15	CCV2	0.5	1	100	100		1.73	0.000	0.391	0.391	0.503	01/15/2018	14:10
16	CCB2		1	100	100		2.12	0.000	0.000	0.000	-0.001	01/15/2018	14:11
17	J1117-21		1	2.50	100	7.12	1.88	0.009	0.013	0.004	0.005	01/15/2018	14:11
18	J1117-21DUP		1	2.50	100	7.69	2.03	0.008	0.012	0.004	0.005	01/15/2018	14:12
19	J1117-21MSPre	40	2	2.51	100	7.39	1.69	0.011	0.356	0.345	0.444	01/15/2018	14:12
20	J1117-21MS2Ins	1284	40	2.53	100	7.22	1.90	0.008	0.605	0.597	0.769	01/15/2018	14:13
21	J1117-21MS3Post	40	2	2.50	100	7.61	2.15	0.012	0.364	0.352	0.453	01/15/2018	14:13
22	J1122-16		1	2.50	100	7.40	2.33	0.025	0.025	0.000	-0.001	01/15/2018	14:14
23	J1122-20		1	2.51	100	7.39	1.67	0.018	0.019	0.001	0.001	01/15/2018	14:14
24	J1122-24		1	2.50	100	7.20	1.73	0.013	0.014	0.001	0.001	01/15/2018	14:15
25	J1123-01		1	2.55	100	7.14	2.41	0.010	0.010	0.000	-0.001	01/15/2018	14:15
26	J1123-02		1	2.53	100	7.19	2.38	0.017	0.017	0.000	-0.001	01/15/2018	14:16
27	CCV3	0.5	1	100	100		2.20	0.000	0.392	0.392	0.505	01/15/2018	14:16
28	CCB3		1	100	100		1.67	0.000	0.000	0.000	-0.001	01/15/2018	14:17
29	J1123-03		1	2.54	100	7.32	1.56	0.011	0.011	0.000	-0.001	01/15/2018	14:17
30	CCV4	0.5	1	100	100		1.93	0.000	0.392	0.392	0.505	01/15/2018	14:18
31	CCB4		1	100	100		2.08	0.000	0.000	0.000	-0.001	01/15/2018	14:18