

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92565

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60894
Calibration Std. hexchrome 0.05 ppm	WP60893
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60896
Calibratation STD Hexa Chrome 0.5 PPM	WP60895
calibration std. hexchrome 0.01 ppm	WP60891
calibration std. hexchrome 0 ppm	WP60890
Hexavalent Chromium ICV Std.	WP60897
Hexavalent Chromium CCV Std	WP60898
hexavalent chromium color reagent	WP60832
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP60892

Intercept: 0.0001

Slope: 0.7747

Regression: 0.999921

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		2.10	0.000	0.000	0.000	01/11/2018	12:50
2	CAL2	0.01	1	100	100		2.33	0.000	0.006	0.006	01/11/2018	12:50
3	CAL3	0.025	1	100	100		1.79	0.000	0.017	0.017	01/11/2018	12:51
4	CAL4	0.05	1	100	100		2.01	0.000	0.039	0.039	01/11/2018	12:51
5	CAL5	0.1	1	100	100		1.96	0.000	0.078	0.078	01/11/2018	12:52
6	CAL6	0.5	1	100	100		1.57	0.000	0.395	0.395	01/11/2018	12:52
7	CAL7	1	1	100	100		2.40	0.000	0.771	0.771	01/11/2018	12:53



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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		2.23	0.000	0.389	0.389	0.502	01/11/2018	12:53
2	ICB		1	100	100		1.66	0.000	0.000	0.000	0.000	01/11/2018	12:54
3	CCV1	0.5	1	100	100		2.44	0.000	0.391	0.391	0.505	01/11/2018	12:54
4	CCB1		1	100	100		1.99	0.000	0.000	0.000	0.000	01/11/2018	12:55
5	PB105585BL		1	2.52	100	7.10	1.69	0.000	0.000	0.000	0.000	01/11/2018	12:55
6	PB105585BS	20	1	2.51	100	7.39	2.25	0.000	0.385	0.385	0.497	01/11/2018	12:56
7	J1013-01		1	2.55	100	7.54	2.38	0.011	0.011	0.000	0.000	01/11/2018	12:56
8	J1064-14		1	2.54	100	7.06	1.85	0.013	0.013	0.000	0.000	01/11/2018	12:57
9	J1067-01		1	2.50	100	7.30	1.96	0.015	0.015	0.000	0.000	01/11/2018	12:57
10	J1071-01		1	2.52	100	7.21	2.13	0.009	0.009	0.000	0.000	01/11/2018	12:58
11	J1071-01DUP		1	2.53	100	7.88	1.69	0.010	0.010	0.000	0.000	01/11/2018	12:58
12	J1071-01MSPre	40	2	2.55	100	7.71	2.34	0.012	0.363	0.351	0.453	01/11/2018	12:59
13	J1071-01MS2Ins	1284	40	2.53	100	7.63	2.11	0.008	0.594	0.586	0.756	01/11/2018	12:59
14	J1071-01MS3Post	40	2	2.50	100	7.55	1.56	0.013	0.378	0.365	0.471	01/11/2018	13:00
15	CCV2	0.5	1	100	100		1.94	0.000	0.391	0.391	0.505	01/11/2018	13:00
16	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.000	01/11/2018	13:01
17	J1088-01		1	2.52	100	7.34	1.77	0.033	0.033	0.000	0.000	01/11/2018	13:01
18	CCV3	0.5	1	100	100		1.75	0.000	0.392	0.392	0.506	01/11/2018	13:02
19	CCB3		1	100	100		2.38	0.000	0.000	0.000	0.000	01/11/2018	13:02