

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92802

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61203
Calibration Std. hexchrome 0.05 ppm	WP61202
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61205
Calibratation STD Hexa Chrome 0.5 PPM	WP61204
calibration std. hexchrome 0.01 ppm	WP61200
calibration std. hexchrome 0 ppm	WP61199
Hexavalent Chromium ICV Std.	WP61206
Hexavalent Chromium CCV Std	WP61207
hexavalent chromium color reagent	WP61054
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61201

Intercept: 0.0001

Slope: 0.7651

Regression: 0.99998

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		2.25	0.000	0.000	0.000	01/23/2018	13:00
2	CAL2	0.01	1	100	100		1.60	0.000	0.008	0.008	01/23/2018	13:00
3	CAL3	0.025	1	100	100		2.03	0.000	0.016	0.016	01/23/2018	13:01
4	CAL4	0.05	1	100	100		2.19	0.000	0.039	0.039	01/23/2018	13:01
5	CAL5	0.1	1	100	100		2.40	0.000	0.078	0.078	01/23/2018	13:02
6	CAL6	0.5	1	100	100		1.96	0.000	0.385	0.385	01/23/2018	13:02
7	CAL7	1	1	100	100		2.07	0.000	0.764	0.764	01/23/2018	13:03



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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		1.55	0.000	0.386	0.386	0.504	01/23/2018	13:03
2	ICB		1	100	100		2.09	0.000	0.000	0.000	0.000	01/23/2018	13:04
3	CCV1	0.5	1	100	100		2.30	0.000	0.387	0.387	0.506	01/23/2018	13:04
4	CCB1		1	100	100		1.63	0.000	0.000	0.000	0.000	01/23/2018	13:05
5	PB105893BL		1	2.55	100	7.36	1.77	0.000	0.000	0.000	0.000	01/23/2018	13:05
6	PB105893BS	20	1	2.53	100	7.12	2.21	0.000	0.369	0.369	0.482	01/23/2018	13:06
7	J1015-12		1	2.51	100	7.05	2.37	0.055	0.055	0.000	0.000	01/23/2018	13:06
8	J1015-14		1	2.55	100	7.88	1.95	0.020	0.020	0.000	0.000	01/23/2018	13:07
9	J1015-16		1	2.54	100	7.59	2.03	0.108	0.108	0.000	0.000	01/23/2018	13:07
10	J1015-18		1	2.50	100	7.88	2.27	0.072	0.072	0.000	0.000	01/23/2018	13:08
11	J1016-05		1	2.51	100	7.20	1.69	0.041	0.041	0.000	0.000	01/23/2018	13:08
12	J1022-08		1	2.52	100	7.44	1.93	0.034	0.034	0.000	0.000	01/23/2018	13:09
13	J1251-01		1	2.53	100	7.30	2.11	0.030	0.030	0.000	0.000	01/23/2018	13:09
14	J1251-03		1	2.52	100	7.69	2.28	0.047	0.047	0.000	0.000	01/23/2018	13:10
15	CCV2	0.5	1	100	100		1.74	0.000	0.387	0.387	0.506	01/23/2018	13:10
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.000	01/23/2018	13:11
17	J1251-05		1	2.50	100	7.90	2.41	0.061	0.061	0.000	0.000	01/23/2018	13:11
18	J1251-07		1	2.52	100	7.21	1.89	0.015	0.015	0.000	0.000	01/23/2018	13:12
19	J1258-01		1	2.54	100	7.18	2.46	0.012	0.027	0.015	0.019	01/23/2018	13:12
20	J1266-01		1	2.55	100	7.21	1.81	0.049	0.049	0.000	0.000	01/23/2018	13:13
21	J1266-05		1	2.52	100	7.46	1.77	0.012	0.012	0.000	0.000	01/23/2018	13:13
22	J1266-05DUP		1	2.51	100	7.91	2.03	0.011	0.011	0.000	0.000	01/23/2018	13:14
23	J1266-05MSPre	40	2	2.50	100	7.33	1.65	0.013	0.355	0.342	0.447	01/23/2018	13:14
24	J1266-05MS2Ins	1284	40	2.52	100	7.62	1.81	0.009	0.592	0.583	0.762	01/23/2018	13:15
25	J1266-05MS3Post	40	2	2.55	100	7.24	2.24	0.014	0.364	0.350	0.457	01/23/2018	13:15
26	J1266-09		1	2.54	100	7.03	2.33	0.027	0.027	0.000	0.000	01/23/2018	13:16
27	CCV3	0.5	1	100	100		1.69	0.000	0.388	0.388	0.507	01/23/2018	13:16
28	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.000	01/23/2018	13:17