

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93462

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62210
Calibration Std. hexchrome 0.05 ppm	WP62209
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62212
Calibratation STD Hexa Chrome 0.5 PPM	WP62211
calibration std. hexchrome 0.01 ppm	WP62207
calibration std. hexchrome 0 ppm	WP62206
Hexavalent Chromium ICV Std.	WP62213
Hexavalent Chromium CCV Std	WP62214
hexavalent chromium color reagent	WP62167
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62208

Intercept: -0.0001

Slope: 0.7666

Regression: 0.999981

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	02/22/2018	13:00
2	CAL2	0.01	1	100	100		2.39	0.000	0.006	0.006	02/22/2018	13:00
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	02/22/2018	13:01
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	02/22/2018	13:01
5	CAL5	0.1	1	100	100		1.98	0.000	0.078	0.078	02/22/2018	13:02
6	CAL6	0.5	1	100	100		1.55	0.000	0.386	0.386	02/22/2018	13:02
7	CAL7	1	1	100	100		2.41	0.000	0.765	0.765	02/22/2018	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		1.73	0.000	0.387	0.387	0.505	02/22/2018	13:03
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	02/22/2018	13:04
3	CCV1	0.5	1	100	100		2.04	0.000	0.388	0.388	0.506	02/22/2018	13:04
4	CCB1		1	100	100		2.23	0.000	0.000	0.000	0.000	02/22/2018	13:05
5	PB106765BL		1	2.52	100	7.20	2.36	0.000	0.000	0.000	0.000	02/22/2018	13:05
6	PB106765BS	20	1	2.53	100	7.11	1.69	0.000	0.373	0.373	0.487	02/22/2018	13:06
7	J1396-01		1	2.55	100	7.59	2.21	0.015	0.015	0.000	0.000	02/22/2018	13:06
8	J1396-01DUP		1	2.51	100	7.33	2.14	0.014	0.014	0.000	0.000	02/22/2018	13:07
9	J1396-01MSPre	40	2	2.52	100	7.18	1.89	0.016	0.359	0.343	0.448	02/22/2018	13:07
10	J1396-01MS2Ins	1284	40	2.50	100	7.66	1.57	0.013	0.608	0.595	0.776	02/22/2018	13:08
11	J1396-01MS3Post	40	2	2.55	100	7.34	2.20	0.017	0.365	0.348	0.454	02/22/2018	13:08
12	J1623-01		1	2.50	100	7.89	2.35	0.009	0.009	0.000	0.000	02/22/2018	13:09
13	J1623-05		1	2.54	100	7.18	1.89	0.013	0.013	0.000	0.000	02/22/2018	13:09
14	J1623-09		1	2.51	100	7.63	1.94	0.012	0.012	0.000	0.000	02/22/2018	13:10
15	CCV2	0.5	1	100	100		2.10	0.000	0.388	0.388	0.506	02/22/2018	13:10
16	CCB2		1	100	100		2.44	0.000	0.000	0.000	0.000	02/22/2018	13:11
17	J1623-13		1	2.53	100	7.90	1.63	0.014	0.014	0.000	0.000	02/22/2018	13:11
18	J1623-17		1	2.51	100	7.88	2.03	0.029	0.029	0.000	0.000	02/22/2018	13:12
19	J1634-01		1	2.52	100	7.15	1.97	0.010	0.010	0.000	0.000	02/22/2018	13:12
20	J1635-01		1	2.55	100	7.67	2.18	0.007	0.007	0.000	0.000	02/22/2018	13:13
21	J1635-03		1	2.50	100	7.22	2.20	0.005	0.005	0.000	0.000	02/22/2018	13:13
22	J1638-01		1	2.54	100	7.14	2.45	0.011	0.015	0.004	0.005	02/22/2018	13:14
23	CCV3	0.5	1	100	100		1.66	0.000	0.389	0.389	0.508	02/22/2018	13:14
24	CCB3		1	100	100		1.70	0.000	0.000	0.000	0.000	02/22/2018	13:15