

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93338

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62012
Calibration Std. hexchrome 0.05 ppm	WP62011
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62014
Calibratation STD Hexa Chrome 0.5 PPM	WP62013
calibration std. hexchrome 0.01 ppm	WP62009
calibration std. hexchrome 0 ppm	WP62008
Hexavalent Chromium ICV Std.	WP62015
Hexavalent Chromium CCV Std	WP62016
hexavalent chromium color reagent	WP61940
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62010

Intercept: -0.0001

Slope: 0.7694

Regression: 0.999983

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	02/16/2018	09:40
2	CAL2	0.01	1	100	100		1.91	0.000	0.007	0.007	02/16/2018	09:40
3	CAL3	0.025	1	100	100		2.36	0.000	0.017	0.017	02/16/2018	09:41
4	CAL4	0.05	1	100	100		2.40	0.000	0.038	0.038	02/16/2018	09:41
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	02/16/2018	09:42
6	CAL6	0.5	1	100	100		1.60	0.000	0.387	0.387	02/16/2018	09:42
7	CAL7	1	1	100	100		2.21	0.000	0.768	0.768	02/16/2018	09:43



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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		1.56	0.000	0.388	0.388	0.504	02/16/2018	09:43
2	ICB		1	100	100		1.72	0.000	0.000	0.000	0.000	02/16/2018	09:44
3	CCV1	0.5	1	100	100		2.31	0.000	0.389	0.389	0.506	02/16/2018	14:00
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	02/16/2018	14:00
5	PB106630BL		1	2.51	100	7.39	2.13	0.000	0.000	0.000	0.000	02/16/2018	14:01
6	PB106630BS	20	1	2.50	100	7.91	2.06	0.000	0.364	0.364	0.473	02/16/2018	14:01
7	J1401-01		1	2.53	100	7.31	2.14	0.013	0.013	0.000	0.000	02/16/2018	14:02
8	J1401-01DUP		1	2.55	100	7.10	1.78	0.012	0.012	0.000	0.000	02/16/2018	14:02
9	J1401-01MSPre	40	2	2.52	100	7.64	1.96	0.014	0.357	0.343	0.446	02/16/2018	14:03
10	J1401-01MS2Ins	1284	40	2.55	100	7.85	1.63	0.010	0.620	0.610	0.793	02/16/2018	14:03
11	J1401-01MS3Post	40	2	2.50	100	2.21	2.34	0.015	0.359	0.344	0.447	02/16/2018	14:04
12	J1401-03		1	2.53	100	7.36	2.17	0.016	0.016	0.000	0.000	02/16/2018	14:04
13	J1402-01		1	2.51	100	7.12	2.44	0.026	0.028	0.002	0.003	02/16/2018	14:05
14	J1402-03		1	2.50	100	7.08	1.78	0.022	0.022	0.000	0.000	02/16/2018	14:05
15	CCV2	0.5	1	100	100		1.64	0.000	0.389	0.389	0.506	02/16/2018	14:06
16	CCB2		1	100	100		2.31	0.000	0.000	0.000	0.000	02/16/2018	14:06
17	J1402-05		1	2.54	100	7.44	2.25	0.030	0.030	0.000	0.000	02/16/2018	14:07
18	J1575-01		1	2.51	100	7.91	2.46	0.014	0.014	0.000	0.000	02/16/2018	14:07
19	J1575-07		1	2.55	100	7.54	1.67	0.018	0.018	0.000	0.000	02/16/2018	14:08
20	J1584-01		1	2.52	100	7.30	1.83	0.023	0.023	0.000	0.000	02/16/2018	14:08
21	J1584-03		1	2.54	100	7.21	2.06	0.020	0.020	0.000	0.000	02/16/2018	14:09
22	PB106629BL		1	2.53	100	7.10	2.00	0.000	0.000	0.000	0.000	02/16/2018	14:09
23	PB106629BS	20	1	2.54	100	7.14	1.93	0.000	0.370	0.370	0.481	02/16/2018	14:10
24	J1393-01		1	2.55	100	7.29	2.37	0.027	0.027	0.000	0.000	02/16/2018	14:10
25	J1393-03		1	2.51	100	7.35	2.40	0.008	0.008	0.000	0.000	02/16/2018	14:11
26	J1393-03DUP		1	2.50	100	7.41	2.23	0.007	0.007	0.000	0.000	02/16/2018	14:11
27	CCV3	0.5	1	100	100		1.86	0.000	0.389	0.389	0.506	02/16/2018	14:12
28	CCB3		1	100	100		1.64	0.000	0.000	0.000	0.000	02/16/2018	14:12
29	J1393-03MSPre	40	2	2.52	100	7.55	1.79	0.009	0.352	0.343	0.446	02/16/2018	14:13
30	J1393-03MS2Ins	1284	40	2.55	100	7.63	2.28	0.007	0.603	0.596	0.775	02/16/2018	14:13
31	J1393-03MS3Post	40	2	2.53	100	7.66	2.09	0.011	0.356	0.345	0.449	02/16/2018	14:14
32	J1393-05		1	2.52	100	7.10	1.75	0.037	0.037	0.000	0.000	02/16/2018	14:15
33	J1399-05		1	2.54	100	7.31	1.96	0.045	0.045	0.000	0.000	02/16/2018	14:15
34	J1399-07		1	2.53	100	7.04	2.33	0.039	0.039	0.000	0.000	02/16/2018	14:16
35	J1404-03		1	2.54	100	7.86	2.21	0.022	0.022	0.000	0.000	02/16/2018	14:16
36	J1536-03		1	2.55	100	7.77	2.37	0.099	0.099	0.000	0.000	02/16/2018	14:17
37	J1536-04		1	2.51	100	7.91	1.67	0.048	0.048	0.000	0.000	02/16/2018	14:17
38	J1558-01		1	2.52	100	7.55	1.60	0.020	0.020	0.000	0.000	02/16/2018	14:18
39	CCV4	0.5	1	100	100		2.39	0.000	0.390	0.390	0.507	02/16/2018	14:18
40	CCB4		1	100	100		2.07	0.000	0.000	0.000	0.000	02/16/2018	14:19
41	J1562-03		1	2.50	100	7.58	2.15	0.039	0.039	0.000	0.000	02/16/2018	14:19
42	CCV5	0.5	1	100	100		1.80	0.000	0.390	0.390	0.507	02/16/2018	14:20

43	CCB5		1	100	100		1.69	0.000	0.000	0.000	0.000	02/16/2018	14:20
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