

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95523

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64679
Calibration Std. hexchrome 0.05 ppm	WP64678
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64681
Calibratation STD Hexa Chrome 0.5 PPM	WP64680
calibration std. hexchrome 0.01 ppm	WP64676
calibration std. hexchrome 0 ppm	WP64675
Hexavalent Chromium ICV Std.	WP64683
Hexavalent Chromium CCV Std	WP64682
hexavalent chromium color reagent	WP64533
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64677

Intercept: 0.0001

Slope: 0.7703

Regression: 0.999984

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		2.13	0.000	0.000	0.000	05/21/2018	12:30
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	05/21/2018	12:30
3	CAL3	0.025	1	100	100		1.69	0.000	0.018	0.018	05/21/2018	12:31
4	CAL4	0.05	1	100	100		1.79	0.000	0.038	0.038	05/21/2018	12:31
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	05/21/2018	12:32
6	CAL6	0.5	1	100	100		2.14	0.000	0.388	0.388	05/21/2018	12:32
7	CAL7	1	1	100	100		1.95	0.000	0.769	0.769	05/21/2018	12:33



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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		2.14	0.000	0.389	0.389	0.505	05/21/2018	12:33
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	05/21/2018	12:34
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.506	05/21/2018	15:10
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	0.000	05/21/2018	15:10
5	PB109530BL		1	2.51	100	7.33	1.59	0.000	0.000	0.000	0.000	05/21/2018	15:11
6	PB109530BS	20	1	2.52	100	7.12	2.13	0.000	0.391	0.391	0.507	05/21/2018	15:11
7	J3010-01		1	2.50	100	7.96	2.17	0.010	0.010	0.000	0.000	05/21/2018	15:12
8	J3010-04		1	2.51	100	7.88	1.88	0.040	0.158	0.118	0.153	05/21/2018	15:12
9	J3010-07		1	2.53	100	7.16	1.87	0.014	0.014	0.000	0.000	05/21/2018	15:13
10	J3010-10		1	2.54	100	7.08	1.66	0.018	0.018	0.000	0.000	05/21/2018	15:13
11	J3010-14		1	2.55	100	7.79	2.34	0.009	0.009	0.000	0.000	05/21/2018	15:14
12	J3010-14DUP		1	2.53	100	7.66	2.20	0.008	0.008	0.000	0.000	05/21/2018	15:14
13	J3010-14MSPre	40	2	2.54	100	7.14	2.07	0.011	0.198	0.187	0.243	05/21/2018	15:15
14	J3010-14MS2Ins	1284	40	2.54	100	7.22	1.77	0.007	0.587	0.580	0.753	05/21/2018	15:15
15	CCV2	0.5	1	100	100		1.90	0.000	0.390	0.390	0.506	05/21/2018	15:16
16	CCB2		1	100	100		1.93	0.000	0.000	0.000	0.000	05/21/2018	15:16
17	J3010-14MS3Post	40	2	2.54	100	7.65	1.81	0.013	0.269	0.256	0.332	05/21/2018	15:17
18	J3010-18		1	2.52	100	7.18	2.15	0.031	0.031	0.000	0.000	05/21/2018	15:17
19	J3013-01		1	2.55	100	7.22	2.22	0.012	0.012	0.000	0.000	05/21/2018	15:18
20	PB109529BL		1	2.55	100	7.10	1.69	0.000	0.000	0.000	0.000	05/21/2018	15:18
21	PB109529BS	20	1	2.54	100	7.80	1.72	0.000	0.381	0.381	0.494	05/21/2018	15:19
22	J2676-21		1	2.50	100	7.55	2.30	0.012	0.012	0.000	0.000	05/21/2018	15:19
23	J2676-21DUP		1	2.50	100	7.10	2.21	0.013	0.013	0.000	0.000	05/21/2018	15:20
24	J2676-21MSPre	40	2	2.52	100	7.19	2.34	0.014	0.365	0.351	0.456	05/21/2018	15:20
25	J2676-21MS2Ins	1284	40	2.52	100	7.30	1.77	0.010	0.605	0.595	0.772	05/21/2018	15:21
26	J2676-21MS3Post	40	2	2.52	100	7.88	1.86	0.015	0.374	0.359	0.466	05/21/2018	15:21
27	CCV3	0.5	1	100	100		1.54	0.000	0.391	0.391	0.507	05/21/2018	15:22
28	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	05/21/2018	15:22
29	J2676-23		1	2.52	100	7.46	2.18	0.009	0.009	0.000	0.000	05/21/2018	15:23
30	J2676-25		1	2.55	100	7.33	2.33	0.010	0.011	0.001	0.001	05/21/2018	15:24
31	J2676-27		1	2.54	100	7.10	2.40	0.008	0.008	0.000	0.000	05/21/2018	15:24
32	J2676-29		1	2.53	100	7.16	1.60	0.029	0.029	0.000	0.000	05/21/2018	15:25
33	J2935-01		1	2.51	100	7.49	1.74	0.010	0.010	0.000	0.000	05/21/2018	15:25
34	J2944-01		1	2.53	100	7.55	1.89	0.004	0.004	0.000	0.000	05/21/2018	15:26
35	J3004-01		1	2.51	100	7.82	1.93	0.011	0.015	0.004	0.005	05/21/2018	15:26
36	J3004-03		1	2.50	100	7.11	2.05	0.022	0.022	0.000	0.000	05/21/2018	15:27
37	J3004-05		1	2.54	100	7.16	2.25	0.020	0.020	0.000	0.000	05/21/2018	15:27
38	CCV4	0.5	1	100	100		1.78	0.000	0.392	0.392	0.509	05/21/2018	15:28
39	CCB4		1	100	100		1.62	0.000	0.000	0.000	0.000	05/21/2018	15:28