

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99015

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69291
Calibration Std. hexchrome 0.05 ppm	WP69290
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69293
Calibratation STD Hexa Chrome 0.5 PPM	WP69292
calibration std. hexchrome 0.01 ppm	WP69288
calibration std. hexchrome 0 ppm	WP69287
Hexavalent Chromium ICV Std.	WP69294
Hexavalent Chromium CCV Std	WP69296
hexavalent chromium color reagent	WP69159
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69289

Intercept: -0

Slope: 0.7728

Regression: 0.999979

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		1.78	0.000	0.000	0.000	11/02/2018	16:00
2	CAL2	0.01	1	100	100		2.13	0.000	0.008	0.008	11/02/2018	16:00
3	CAL3	0.025	1	100	100		2.05	0.000	0.017	0.017	11/02/2018	16:01
4	CAL4	0.05	1	100	100		1.99	0.000	0.039	0.039	11/02/2018	16:01
5	CAL5	0.1	1	100	100		1.81	0.000	0.077	0.077	11/02/2018	16:02
6	CAL6	0.5	1	100	100		2.43	0.000	0.390	0.390	11/02/2018	16:02
7	CAL7	1	1	100	100		2.22	0.000	0.771	0.771	11/02/2018	16:03



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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		1.77	0.000	0.391	0.391	0.506	11/02/2018	16:03
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	11/02/2018	16:04
3	CCV1	0.5	1	100	100		2.33	0.000	0.391	0.391	0.506	11/02/2018	16:04
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	11/02/2018	16:05
5	PB114455BL		1	2.52	100	7.23	1.76	0.000	0.000	0.000	0.000	11/02/2018	16:05
6	PB114455BS	20	1	2.51	100	7.46	2.08	0.000	0.360	0.360	0.466	11/02/2018	16:06
7	J5192-05		1	2.53	100	7.88	1.52	0.049	0.049	0.000	0.000	11/02/2018	16:06
8	J5192-07		1	2.50	100	7.21	2.47	0.052	0.052	0.000	0.000	11/02/2018	16:07
9	J5200-17		1	2.51	100	7.69	2.18	0.024	0.024	0.000	0.000	11/02/2018	16:07
10	J5200-19		1	2.52	100	7.45	1.65	0.027	0.027	0.000	0.000	11/02/2018	16:08
11	J5755-03		1	2.55	100	7.36	1.73	0.031	0.031	0.000	0.000	11/02/2018	16:08
12	J5755-07		1	2.54	100	7.55	2.10	0.063	0.063	0.000	0.000	11/02/2018	16:09
13	J5755-11		1	2.50	100	7.11	1.84	0.007	0.007	0.000	0.000	11/02/2018	16:09
14	J5755-11DUP		1	2.55	100	7.44	2.03	0.008	0.008	0.000	0.000	11/02/2018	16:10
15	CCV2	0.5	1	100	100		2.36	0.000	0.391	0.391	0.506	11/02/2018	16:10
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.000	11/02/2018	16:11
17	J5755-11MSPre	40	2	2.51	100	7.16	1.78	0.010	0.353	0.343	0.444	11/02/2018	16:11
18	J5755-11MS2Ins	1284	40	2.51	100	7.20	2.44	0.006	0.558	0.552	0.714	11/02/2018	16:12
19	J5755-11MS3Post	40	2	2.51	100	7.69	2.10	0.013	0.358	0.345	0.446	11/02/2018	16:12
20	J5759-01		1	2.54	100	7.22	1.78	0.027	0.027	0.000	0.000	11/02/2018	16:13
21	J5759-05		1	2.52	100	7.10	1.91	0.011	0.016	0.005	0.006	11/02/2018	16:13
22	J5759-09		1	2.50	100	7.08	1.54	0.036	0.036	0.000	0.000	11/02/2018	16:14
23	J5759-13		1	2.55	100	7.06	2.13	0.029	0.029	0.000	0.000	11/02/2018	16:14
24	J5759-17		1	2.53	100	7.43	2.06	0.039	0.039	0.000	0.000	11/02/2018	16:15
25	J5759-21		1	2.50	100	7.66	1.95	0.047	0.047	0.000	0.000	11/02/2018	16:15
26	PB114456BL		1	2.50	100	7.52	1.73	0.000	0.000	0.000	0.000	11/02/2018	16:16
27	CCV3	0.5	1	100	100		2.16	0.000	0.392	0.392	0.507	11/02/2018	16:16
28	CCB3		1	100	100		2.31	0.000	0.000	0.000	0.000	11/02/2018	16:17
29	PB114456BS	20	1	2.52	100	7.61	2.17	0.000	0.373	0.373	0.483	11/02/2018	16:17
30	J5736-03		1	2.50	100	7.98	2.33	0.012	0.012	0.000	0.000	11/02/2018	16:18
31	J5767-01		1	2.51	100	7.77	1.69	0.014	0.014	0.000	0.000	11/02/2018	16:18
32	J5767-03		1	2.55	100	7.24	2.04	0.051	0.051	0.000	0.000	11/02/2018	16:19
33	J5767-05		1	2.54	100	7.64	2.44	0.060	0.060	0.000	0.000	11/02/2018	16:19
34	J5767-07		1	2.55	100	7.23	1.90	0.022	0.022	0.000	0.000	11/02/2018	16:20
35	J5776-01		1	2.52	100	7.55	1.65	0.009	0.009	0.000	0.000	11/02/2018	16:20
36	J5776-01DUP		1	2.53	100	7.46	1.73	0.010	0.010	0.000	0.000	11/02/2018	16:21
37	J5776-01MSPre	40	2	2.50	100	7.18	2.08	0.013	0.366	0.353	0.457	11/02/2018	16:21
38	J5776-01MS2Ins	1284	40	2.50	100	7.41	2.41	0.011	0.628	0.617	0.798	11/02/2018	16:22
39	CCV4	0.5	1	100	100		1.56	0.000	0.392	0.392	0.507	11/02/2018	16:22
40	CCB4		1	100	100		1.90	0.000	0.000	0.000	0.000	11/02/2018	16:23
41	J5776-01MS3Post	40	2	2.50	100	7.69	1.71	0.014	0.369	0.355	0.459	11/02/2018	16:23
42	J5776-05		1	2.51	100	7.78	2.22	0.015	0.015	0.000	0.000	11/02/2018	16:24

43	J5778-03		1	2.53	100	7.94	1.78	0.008	0.008	0.000	0.000	11/02/2018	16:24
44	J5794-03		1	2.55	100	7.88	1.96	0.017	0.017	0.000	0.000	11/02/2018	16:25
45	J5794-07		1	2.54	100	7.25	2.38	0.012	0.012	0.000	0.000	11/02/2018	16:25
46	J5794-11		1	2.52	100	7.66	2.30	0.014	0.014	0.000	0.000	11/02/2018	16:26
47	CCV5	0.5	1	100	100		1.55	0.000	0.392	0.392	0.507	11/02/2018	16:26
48	CCB5		1	100	100		1.80	0.000	0.000	0.000	0.000	11/02/2018	16:27