

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101151

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72182
Calibratation STD Hexa Chrome 0.5 PPM	WP72181
Calibration Std. hexchrome 0.1 ppm	WP72180
Calibration Std. hexchrome 0.05 ppm	WP72179
calibration std. hexchrome 0.01 ppm	WP72177
calibration std. hexchrome 0 ppm	WP72176
Hexavalent Chromium ICV Std.	WP72183
Hexavalent Chromium CCV Std	WP72184
hexavalent chromium color reagent	WP72145
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72178
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0005

Slope: 0.772

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		2.06	0.000	0.000	0.000	03/04/2019	15:00
2	CAL2	0.01	1	100	100		1.67	0.000	0.008	0.008	03/04/2019	15:00
3	CAL3	0.025	1	100	100		1.58	0.000	0.017	0.017	03/04/2019	15:01
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	03/04/2019	15:01
5	CAL5	0.1	1	100	100		2.35	0.000	0.080	0.080	03/04/2019	15:02
6	CAL6	0.5	1	100	100		1.77	0.000	0.389	0.389	03/04/2019	15:02
7	CAL7	1	1	100	100		1.98	0.000	0.771	0.771	03/04/2019	15:03



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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		1.97	0.000	0.391	0.391	0.506	03/04/2019	15:03
2	ICB		1	100	100		1.82	0.000	0.000	0.000	-0.001	03/04/2019	15:04
3	CCV1	0.5	1	100	100		2.03	0.000	0.392	0.392	0.507	03/04/2019	15:04
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	-0.001	03/04/2019	15:05
5	PB117590BL		1	2.50	100	7.30	2.30	0.000	0.000	0.000	-0.001	03/04/2019	15:05
6	PB117590BS	20	1	2.53	100	7.55	1.76	0.000	0.380	0.380	0.492	03/04/2019	15:06
7	K1675-01		1	2.55	100	7.90	1.54	0.005	0.005	0.000	-0.001	03/04/2019	15:06
8	K1675-05		1	2.53	100	7.24	2.16	0.007	0.007	0.000	-0.001	03/04/2019	15:07
9	K1675-09		1	2.52	100	7.16	2.35	0.003	0.003	0.000	-0.001	03/04/2019	15:07
10	K1675-11		1	2.55	100	7.88	2.44	0.009	0.009	0.000	-0.001	03/04/2019	15:08
11	K1675-13		1	2.51	100	7.12	1.63	0.005	0.005	0.000	-0.001	03/04/2019	15:08
12	K1675-15		1	2.52	100	7.10	1.57	0.008	0.008	0.000	-0.001	03/04/2019	15:09
13	K1675-17		1	2.53	100	7.46	2.10	0.030	0.030	0.000	-0.001	03/04/2019	15:09
14	K1675-23		1	2.50	100	7.44	2.19	0.012	0.012	0.000	-0.001	03/04/2019	15:10
15	CCV2	0.5	1	100	100		2.31	0.000	0.392	0.392	0.507	03/04/2019	15:10
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	-0.001	03/04/2019	15:11
17	K1675-27		1	2.54	100	7.10	1.80	0.008	0.008	0.000	-0.001	03/04/2019	15:11
18	K1675-29		1	2.50	100	7.54	1.92	0.006	0.006	0.000	-0.001	03/04/2019	15:12
19	K1675-33		1	2.51	100	7.10	2.22	0.010	0.010	0.000	-0.001	03/04/2019	15:12
20	K1675-37		1	2.52	100	7.11	2.30	0.019	0.019	0.000	-0.001	03/04/2019	15:13
21	K1675-41		1	2.53	100	7.14	1.60	0.005	0.005	0.000	-0.001	03/04/2019	15:13
22	K1675-41DUP		1	2.54	100	7.66	1.83	0.006	0.006	0.000	-0.001	03/04/2019	15:14
23	K1675-41MSPre	40	2	2.52	100	7.50	2.08	0.006	0.360	0.354	0.458	03/04/2019	15:14
24	K1675-41MS2Ins	1284	40	2.50	100	7.33	2.40	0.005	0.615	0.610	0.790	03/04/2019	15:15
25	K1675-41MS3Post	40	2	2.54	100	7.10	2.46	0.007	0.369	0.362	0.468	03/04/2019	15:15
26	PB117605BL		1	2.50	100	7.55	2.33	0.000	0.000	0.000	-0.001	03/04/2019	15:16
27	CCV3	0.5	1	100	100		1.90	0.000	0.392	0.392	0.507	03/04/2019	15:16
28	CCB3		1	100	100		2.22	0.000	0.000	0.000	-0.001	03/04/2019	15:17
29	PB117605BS	20	1	2.55	100	7.31	2.27	0.000	0.364	0.364	0.471	03/04/2019	15:17
30	K1688-01		1	2.53	100	7.12	2.34	0.006	0.006	0.000	-0.001	03/04/2019	15:18
31	K1688-03		1	2.55	100	7.46	1.90	0.009	0.009	0.000	-0.001	03/04/2019	15:18
32	K1688-05		1	2.54	100	7.20	1.99	0.007	0.007	0.000	-0.001	03/04/2019	15:19
33	K1688-07		1	2.53	100	7.18	2.13	0.005	0.005	0.000	-0.001	03/04/2019	15:19
34	K1688-09		1	2.50	100	7.17	2.47	0.012	0.012	0.000	-0.001	03/04/2019	15:20
35	K1688-11		1	2.51	100	7.33	1.93	0.010	0.010	0.000	-0.001	03/04/2019	15:20
36	K1688-13		1	2.53	100	7.59	1.88	0.008	0.008	0.000	-0.001	03/04/2019	15:21
37	K1688-15		1	2.54	100	7.39	1.69	0.015	0.015	0.000	-0.001	03/04/2019	15:21
38	K1688-17		1	2.50	100	7.68	2.17	0.017	0.017	0.000	-0.001	03/04/2019	15:22
39	CCV4	0.5	1	100	100		1.77	0.000	0.392	0.392	0.507	03/04/2019	15:22
40	CCB4		1	100	100		1.80	0.000	0.000	0.000	-0.001	03/04/2019	15:23
41	K1688-19		1	2.51	100	7.71	1.99	0.013	0.013	0.000	-0.001	03/04/2019	15:23
42	K1715-03		1	2.55	100	7.63	2.27	0.014	0.014	0.000	-0.001	03/04/2019	15:24

43	K1715-03DUP		1	2.52	100	7.41	2.33	0.013	0.013	0.000	-0.001	03/04/2019	15:24
44	K1715-03MSPre	40	2	2.53	100	7.86	1.87	0.015	0.361	0.346	0.448	03/04/2019	15:25
45	K1715-03MS2Ins	1284	40	2.55	100	7.14	2.46	0.012	0.588	0.576	0.745	03/04/2019	15:25
46	K1715-03MS3Post	40	2	2.51	100	7.20	1.79	0.015	0.363	0.348	0.450	03/04/2019	15:26
47	K1715-07		1	2.50	100	7.34	1.76	0.020	0.020	0.000	-0.001	03/04/2019	15:26
48	K1715-11		1	2.53	100	7.22	2.09	0.022	0.022	0.000	-0.001	03/04/2019	15:27
49	CCV5	0.5	1	100	100		2.23	0.000	0.392	0.392	0.507	03/04/2019	15:27
50	CCB5		1	100	100		1.84	0.000	0.000	0.000	-0.001	03/04/2019	15:28