

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101020

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71984
Calibration Std. hexchrome 0.05 ppm	WP71983
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71986
Calibratation STD Hexa Chrome 0.5 PPM	WP71985
calibration std. hexchrome 0.01 ppm	WP71981
calibration std. hexchrome 0 ppm	WP71980
Hexavalent Chromium ICV Std.	WP71987
Hexavalent Chromium CCV Std	WP71988
HEX LOD STD, 0.005PPM	WP71917
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71982

Intercept: -0.0001

Slope: 0.7726

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		2.20	0.000	0.000	0.000	02/26/2019	13:30
2	CAL2	0.01	1	100	100		2.16	0.000	0.007	0.007	02/26/2019	13:30
3	CAL3	0.025	1	100	100		1.88	0.000	0.017	0.017	02/26/2019	13:31
4	CAL4	0.05	1	100	100		1.94	0.000	0.039	0.039	02/26/2019	13:31
5	CAL5	0.1	1	100	100		2.35	0.000	0.078	0.078	02/26/2019	13:32
6	CAL6	0.5	1	100	100		2.44	0.000	0.389	0.389	02/26/2019	13:32
7	CAL7	1	1	100	100		2.17	0.000	0.771	0.771	02/26/2019	13:33



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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		2.11	0.000	0.392	0.392	0.508	02/26/2019	13:33
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	02/26/2019	13:34
3	CCV1	0.5	1	100	100		1.66	0.000	0.393	0.393	0.509	02/26/2019	13:34
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.000	02/26/2019	13:35
5	PB117368BL		1	2.51	100	7.33	2.17	0.000	0.000	0.000	0.000	02/26/2019	13:35
6	PB117368BS	20	1	2.52	100	7.25	2.22	0.000	0.369	0.369	0.478	02/26/2019	13:35
7	K1348-03		1	2.51	100	7.90	1.73	0.009	0.009	0.000	0.000	02/26/2019	13:36
8	K1348-05		1	2.55	100	7.63	1.58	0.011	0.011	0.000	0.000	02/26/2019	13:36
9	K1356-09		1	2.52	100	7.02	2.29	0.008	0.008	0.000	0.000	02/26/2019	13:37
10	K1356-11		1	2.55	100	7.21	1.97	0.014	0.014	0.000	0.000	02/26/2019	13:37
11	K1560-03		1	2.50	100	7.15	2.25	0.000	0.004	0.004	0.005	02/26/2019	13:38
12	K1586-03		1	2.53	100	7.16	2.46	0.009	0.009	0.000	0.000	02/26/2019	13:38
13	K1586-03DUP		1	2.54	100	7.44	1.84	0.010	0.010	0.000	0.000	02/26/2019	13:39
14	K1586-03MSPre	40	2	2.50	100	7.55	1.64	0.010	0.366	0.356	0.461	02/26/2019	13:39
15	CCV2	0.5	1	100	100		2.18	0.000	0.393	0.393	0.509	02/26/2019	13:40
16	CCB2		1	100	100		1.93	0.000	0.000	0.000	0.000	02/26/2019	13:40
17	K1586-03MS2Ins	1284	40	2.51	100	7.66	2.11	0.008	0.577	0.569	0.737	02/26/2019	13:41
18	K1586-03MS3Post	40	2	2.52	100	7.74	2.45	0.010	0.368	0.358	0.463	02/26/2019	13:41
19	K1592-03		1	2.54	100	7.10	1.78	0.018	0.018	0.000	0.000	02/26/2019	13:42
20	K1597-01		1	2.53	100	7.46	1.54	0.025	0.269	0.244	0.316	02/26/2019	13:42
21	K1597-03		1	2.51	100	7.66	2.25	0.022	0.022	0.000	0.000	02/26/2019	13:43
22	K1597-11		1	2.50	100	7.45	2.16	0.029	0.029	0.000	0.000	02/26/2019	13:43
23	K1597-15		1	2.55	100	7.12	1.60	0.041	0.041	0.000	0.000	02/26/2019	13:44
24	PB117401BL		1	2.52	100	7.90	1.57	0.000	0.000	0.000	0.000	02/26/2019	13:44
25	PB117401BS	20	1	2.50	100	7.21	2.09	0.000	0.365	0.365	0.473	02/26/2019	13:45
26	K1348-07		1	2.51	100	7.60	2.47	0.013	0.013	0.000	0.000	02/26/2019	13:45
27	CCV3	0.5	1	100	100		1.81	0.000	0.393	0.393	0.509	02/26/2019	13:46
28	CCB3		1	100	100		1.96	0.000	0.000	0.000	0.000	02/26/2019	13:46
29	K1595-01		1	2.53	100	7.69	1.77	0.017	0.017	0.000	0.000	02/26/2019	13:47
30	K1595-03		1	2.50	100	7.14	2.06	0.019	0.019	0.000	0.000	02/26/2019	13:47
31	K1595-05		1	2.55	100	7.33	2.31	0.016	0.016	0.000	0.000	02/26/2019	13:48
32	K1595-07		1	2.53	100	7.44	1.78	0.020	0.020	0.000	0.000	02/26/2019	13:48
33	K1610-01		1	2.52	100	7.80	2.25	0.014	0.014	0.000	0.000	02/26/2019	13:49
34	K1610-03		1	2.50	100	7.69	2.46	0.022	0.022	0.000	0.000	02/26/2019	13:49
35	K1610-05		1	2.51	100	7.12	1.98	0.012	0.012	0.000	0.000	02/26/2019	13:50
36	K1610-05DUP		1	2.54	100	7.24	1.53	0.011	0.011	0.000	0.000	02/26/2019	13:50
37	K1610-05MSPre	40	2	2.53	100	7.32	2.12	0.013	0.354	0.341	0.441	02/26/2019	13:51
38	K1610-05MS2Ins	1284	40	2.55	100	7.30	2.09	0.007	0.614	0.607	0.786	02/26/2019	13:51
39	CCV4	0.5	1	100	100		2.47	0.000	0.393	0.393	0.509	02/26/2019	13:52
40	CCB4		1	100	100		1.80	0.000	0.000	0.000	0.000	02/26/2019	13:52
41	K1610-05MS3Post	40	2	2.50	100	7.11	1.92	0.015	0.360	0.345	0.447	02/26/2019	13:53
42	K1610-07		1	2.51	100	7.14	2.36	0.008	0.008	0.000	0.000	02/26/2019	13:53

43	K1610-09		1	2.53	100	7.69	2.25	0.014	0.014	0.000	0.000	02/26/2019	13:54
44	CCV5	0.5	1	100	100		1.80	0.000	0.393	0.393	0.509	02/26/2019	13:54
45	CCB5		1	100	100		1.55	0.000	0.000	0.000	0.000	02/26/2019	13:55