

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100319

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70926
Calibration Std. hexchrome 0.05 ppm	WP70925
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70928
Calibratation STD Hexa Chrome 0.5 PPM	WP70927
calibration std. hexchrome 0.01 ppm	WP70923
calibration std. hexchrome 0 ppm	WP70921
Hexavalent Chromium ICV Std.	WP70929
Hexavalent Chromium CCV Std	WP70931
hexavalent chromium color reagent	WP70932
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70924

Intercept: 0.0004

Slope: 0.7717

Regression: 0.999968

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		2.30	0.000	0.000	0.000	01/15/2019	14:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	01/15/2019	14:00
3	CAL3	0.025	1	100	100		1.93	0.000	0.017	0.017	01/15/2019	14:01
4	CAL4	0.05	1	100	100		2.16	0.000	0.039	0.039	01/15/2019	14:01
5	CAL5	0.1	1	100	100		2.44	0.000	0.080	0.080	01/15/2019	14:02
6	CAL6	0.5	1	100	100		2.18	0.000	0.390	0.390	01/15/2019	14:02
7	CAL7	1	1	100	100		1.63	0.000	0.770	0.770	01/15/2019	14:03



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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		1.95	0.000	0.391	0.391	0.506	01/15/2019	14:03
2	ICB		1	100	100		1.54	0.000	0.000	0.000	-0.001	01/15/2019	14:04
3	CCV1	0.5	1	100	100		2.06	0.000	0.391	0.391	0.506	01/15/2019	14:04
4	CCB1		1	100	100		2.17	0.000	0.000	0.000	-0.001	01/15/2019	14:05
5	PB116406BL		1	2.54	100	7.58	2.28	0.000	0.000	0.000	-0.001	01/15/2019	14:05
6	PB116406BS	20	1	2.52	100	7.25	1.77	0.000	0.375	0.375	0.485	01/15/2019	14:06
7	K1007-01		1	2.51	100	7.11	1.95	0.008	0.008	0.000	-0.001	01/15/2019	14:06
8	K1015-05		1	2.55	100	7.69	1.62	0.016	0.016	0.000	-0.001	01/15/2019	14:07
9	K1015-07		1	2.54	100	7.44	2.07	0.026	0.026	0.000	-0.001	01/15/2019	14:07
10	K1081-04		1	2.55	100	7.63	2.21	0.013	0.013	0.000	-0.001	01/15/2019	14:08
11	K1126-01		1	2.53	100	7.28	1.78	0.029	0.029	0.000	-0.001	01/15/2019	14:08
12	K1128-01		1	2.50	100	7.11	1.73	0.021	0.021	0.000	-0.001	01/15/2019	14:09
13	K1128-03		1	2.51	100	7.49	2.27	0.024	0.024	0.000	-0.001	01/15/2019	14:09
14	K1142-01		1	2.52	100	7.60	2.31	0.007	0.007	0.000	-0.001	01/15/2019	14:10
15	CCV2	0.5	1	100	100		1.79	0.000	0.392	0.392	0.507	01/15/2019	14:10
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	-0.001	01/15/2019	14:11
17	K1142-01DUP		1	2.53	100	7.98	2.36	0.008	0.008	0.000	-0.001	01/15/2019	14:11
18	K1142-01MSPre	40	2	2.50	100	7.32	2.22	0.009	0.368	0.359	0.465	01/15/2019	14:12
19	K1142-01MS2Ins	1284	40	2.51	100	7.05	1.78	0.006	0.613	0.607	0.786	01/15/2019	14:12
20	K1142-01MS3Post	40	2	2.50	100	7.11	1.35	0.010	0.370	0.360	0.466	01/15/2019	14:13
21	CCV3	0.5	1	100	100		2.35	0.000	0.392	0.392	0.507	01/15/2019	14:13
22	CCB3		1	100	100		1.70	0.000	0.000	0.000	-0.001	01/15/2019	14:14