

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100375

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71004
Calibration Std. hexchrome 0.05 ppm	WP71003
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71006
Calibratation STD Hexa Chrome 0.5 PPM	WP71005
calibration std. hexchrome 0.01 ppm	WP71001
calibration std. hexchrome 0 ppm	WP71000
Hexavalent Chromium ICV Std.	WP71007
Hexavalent Chromium CCV Std	WP71008
hexavalent chromium color reagent	WP70932
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71002

Intercept: 0.0002

Slope: 0.7718

Regression: 0.999972

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	01/17/2019	12:00
2	CAL2	0.01	1	100	100		2.17	0.000	0.007	0.007	01/17/2019	12:00
3	CAL3	0.025	1	100	100		2.30	0.000	0.017	0.017	01/17/2019	12:01
4	CAL4	0.05	1	100	100		2.44	0.000	0.039	0.039	01/17/2019	12:01
5	CAL5	0.1	1	100	100		2.58	0.000	0.079	0.079	01/17/2019	12:02
6	CAL6	0.5	1	100	100		1.58	0.000	0.390	0.390	01/17/2019	12:02
7	CAL7	1	1	100	100		2.10	0.000	0.770	0.770	01/17/2019	12:03



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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		1.80	0.000	0.392	0.392	0.508	01/17/2019	12:03
2	ICB		1	100	100		1.95	0.000	0.000	0.000	0.000	01/17/2019	12:04
3	CCV1	0.5	1	100	100		2.07	0.000	0.392	0.392	0.508	01/17/2019	12:04
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	0.000	01/17/2019	12:05
5	PB116452BL		1	2.52	100	7.22	2.33	0.000	0.000	0.000	0.000	01/17/2019	12:06
6	PB116452BS	20	1	2.54	100	7.12	2.24	0.000	0.368	0.368	0.477	01/17/2019	12:06
7	K1147-01		1	2.55	100	7.14	1.76	0.008	0.008	0.000	0.000	01/17/2019	12:07
8	K1147-01DUP		1	2.53	100	7.96	1.94	0.009	0.009	0.000	0.000	01/17/2019	12:07
9	K1147-01MSPre	40	2	2.55	100	7.36	1.63	0.010	0.355	0.345	0.447	01/17/2019	12:08
10	K1147-01MS2Ins	1284	40	2.51	100	7.62	2.17	0.009	0.598	0.589	0.763	01/17/2019	12:08
11	K1147-01MS3Post	40	2	2.50	100	7.82	2.35	0.011	0.359	0.348	0.451	01/17/2019	12:09
12	K1147-04		1	2.52	100	7.77	2.47	0.032	0.035	0.003	0.004	01/17/2019	12:09
13	K1147-07		1	2.51	100	7.41	2.13	0.011	0.011	0.000	0.000	01/17/2019	12:10
14	K1147-10		1	2.53	100	7.35	1.80	0.026	0.026	0.000	0.000	01/17/2019	12:10
15	CCV2	0.5	1	100	100		1.64	0.000	0.392	0.392	0.508	01/17/2019	12:11
16	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.000	01/17/2019	12:11
17	K1147-13		1	2.50	100	7.02	2.10	0.029	0.029	0.000	0.000	01/17/2019	12:12
18	K1147-16		1	2.55	100	7.11	1.59	0.037	0.038	0.001	0.001	01/17/2019	12:12
19	K1147-19		1	2.54	100	7.94	1.75	0.016	0.016	0.000	0.000	01/17/2019	12:13
20	K1147-22		1	2.50	100	7.65	1.68	0.032	0.039	0.007	0.009	01/17/2019	12:13
21	K1147-25		1	2.55	100	7.71	2.13	0.010	0.011	0.001	0.001	01/17/2019	12:14
22	CCV3	0.5	1	100	100		2.31	0.000	0.392	0.392	0.508	01/17/2019	12:14
23	CCB3		1	100	100		2.47	0.000	0.000	0.000	0.000	01/17/2019	12:15