

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100888

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71751
Calibration Std. hexchrome 0.05 ppm	WP71750
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71745
Calibratation STD Hexa Chrome 0.5 PPM	WP71746
calibration std. hexchrome 0.01 ppm	WP71749
calibration std. hexchrome 0 ppm	WP71748
Hexavalent Chromium ICV Std.	WP71752
Hexavalent Chromium CCV Std	WP71753
hexavalent chromium color reagent	WP71723
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71747

Intercept: 0.0002

Slope: 0.7717

Regression: 0.999978

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		2.02	0.000	0.000	0.000	02/18/2019	15:00
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	02/18/2019	15:00
3	CAL3	0.025	1	100	100		1.66	0.000	0.018	0.018	02/18/2019	15:01
4	CAL4	0.05	1	100	100		2.17	0.000	0.039	0.039	02/18/2019	15:01
5	CAL5	0.1	1	100	100		2.22	0.000	0.078	0.078	02/18/2019	15:02
6	CAL6	0.5	1	100	100		1.61	0.000	0.390	0.390	02/18/2019	15:02
7	CAL7	1	1	100	100		1.77	0.000	0.770	0.770	02/18/2019	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		1.85	0.000	0.392	0.392	0.508	02/18/2019	15:03
2	ICB		1	100	100		1.91	0.000	0.000	0.000	0.000	02/18/2019	15:04
3	CCV1	0.5	1	100	100		2.20	0.000	0.392	0.392	0.508	02/18/2019	15:04
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	02/18/2019	15:05
5	PB117188BL		1	2.52	100	7.10	2.33	0.000	0.000	0.000	0.000	02/18/2019	15:05
6	PB117188BS	20	1	2.53	100	7.52	2.41	0.000	0.368	0.368	0.477	02/18/2019	15:06
7	K1508-03		1	2.53	100	7.33	1.74	0.014	0.014	0.000	0.000	02/18/2019	15:06
8	K1508-07		1	2.50	100	7.12	2.29	0.018	0.018	0.000	0.000	02/18/2019	15:07
9	K1508-11		1	2.55	100	7.05	1.58	0.016	0.016	0.000	0.000	02/18/2019	15:07
10	K1508-15		1	2.52	100	7.81	2.26	0.010	0.010	0.000	0.000	02/18/2019	15:08
11	K1510-01		1	2.50	100	7.77	2.33	0.035	0.035	0.000	0.000	02/18/2019	15:08
12	K1510-03		1	2.53	100	7.20	2.12	0.043	0.043	0.000	0.000	02/18/2019	15:09
13	K1511-01		1	2.54	100	7.40	1.87	0.020	0.020	0.000	0.000	02/18/2019	15:09
14	K1513-01		1	2.55	100	7.16	1.66	0.008	0.023	0.015	0.019	02/18/2019	15:10
15	CCV2	0.5	1	100	100		1.71	0.000	0.392	0.392	0.508	02/18/2019	15:10
16	CCB2		1	100	100		1.66	0.000	0.000	0.000	0.000	02/18/2019	15:11
17	K1513-03		1	2.50	100	7.03	1.98	0.005	0.014	0.009	0.011	02/18/2019	15:11
18	K1513-05		1	2.51	100	7.06	2.14	0.013	0.014	0.001	0.001	02/18/2019	15:12
19	K1514-01		1	2.53	100	7.17	2.19	0.006	0.011	0.005	0.006	02/18/2019	15:12
20	K1514-01DUP		1	2.55	100	7.90	2.33	0.005	0.009	0.004	0.005	02/18/2019	15:13
21	K1514-01MSPre	40	2	2.50	100	7.65	1.69	0.008	0.357	0.349	0.452	02/18/2019	15:13
22	K1514-01MS2Ins	1284	40	2.51	100	7.44	2.11	0.004	0.580	0.576	0.746	02/18/2019	15:14
23	K1514-01MS3Post	40	2	2.54	100	7.30	1.87	0.008	0.366	0.358	0.464	02/18/2019	15:14
24	K1517-01		1	2.53	100	7.12	1.69	0.012	0.012	0.000	0.000	02/18/2019	15:15
25	CCV3	0.5	1	100	100		1.85	0.000	0.392	0.392	0.508	02/18/2019	15:15
26	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.000	02/18/2019	15:16