

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100902

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71789
Calibration Std. hexchrome 0.05 ppm	WP71788
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71791
Calibratation STD Hexa Chrome 0.5 PPM	WP71790
calibration std. hexchrome 0.01 ppm	WP71786
calibration std. hexchrome 0 ppm	WP71785
Hexavalent Chromium ICV Std.	WP71792
Hexavalent Chromium CCV Std	WP71793
hexavalent chromium color reagent	WP71723
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71787

Intercept: 0.0005

Slope: 0.7708

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		2.21	0.000	0.000	0.000	02/19/2019	12:10
2	CAL2	0.01	1	100	100		2.37	0.000	0.007	0.007	02/19/2019	12:10
3	CAL3	0.025	1	100	100		2.45	0.000	0.018	0.018	02/19/2019	12:11
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	02/19/2019	12:11
5	CAL5	0.1	1	100	100		1.54	0.000	0.080	0.080	02/19/2019	12:12
6	CAL6	0.5	1	100	100		2.11	0.000	0.388	0.388	02/19/2019	12:12
7	CAL7	1	1	100	100		2.30	0.000	0.770	0.770	02/19/2019	12:13



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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		1.87	0.000	0.391	0.391	0.507	02/19/2019	12:13
2	ICB		1	100	100		1.71	0.000	0.000	0.000	-0.001	02/19/2019	12:14
3	CCV1	0.5	1	100	100		1.64	0.000	0.391	0.391	0.507	02/19/2019	12:14
4	CCB1		1	100	100		2.02	0.000	0.000	0.000	-0.001	02/19/2019	12:15
5	PB117218BL		1	2.55	100	7.22	2.40	0.000	0.000	0.000	-0.001	02/19/2019	12:15
6	PB117218BS	20	1	2.52	100	7.31	1.81	0.000	0.383	0.383	0.496	02/19/2019	12:16
7	K1525-03		1	2.53	100	7.86	1.93	0.012	0.013	0.001	0.001	02/19/2019	12:16
8	K1525-03DUP		1	2.51	100	7.14	2.16	0.011	0.012	0.001	0.001	02/19/2019	12:17
9	K1525-03MSPre	40	2	2.50	100	7.08	2.17	0.014	0.368	0.354	0.459	02/19/2019	12:17
10	K1525-03MS2Ins	1284	40	2.54	100	7.03	1.66	0.008	0.563	0.555	0.719	02/19/2019	12:18
11	K1525-03MS3Post	40	2	2.52	100	7.16	2.28	0.016	0.379	0.363	0.470	02/19/2019	12:18
12	K1525-07		1	2.50	100	7.44	2.06	0.016	0.016	0.000	-0.001	02/19/2019	12:19
13	CCV2	0.5	1	100	100		1.71	0.000	0.391	0.391	0.507	02/19/2019	12:19
14	CCB2		1	100	100		1.83	0.000	0.000	0.000	-0.001	02/19/2019	12:20