



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101949

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP73418
Calibratation STD Hexa Chrome 0.5 PPM	WP73417
Calibration Std. hexchrome 0.1 ppm	WP73416
Calibration Std. hexchrome 0.05 ppm	WP73415
calibration std. hexchrome 0.01 ppm	WP73413
calibration std. hexchrome 0 ppm	WP73412
Hexavalent Chromium ICV Std.	WP73419
Hexavalent Chromium CCV Std	WP73420
hexavalent chromium color reagent	WP73337
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP73414
HNO3 Hex-Chrome, 5M	WP70045

Intercept: -0

Slope: 0.7709

Regression: 0.999981

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		2.36	0.000	0.000	0.000	04/08/2019	15:30
2	CAL2	0.01	1	100	100		1.89	0.000	0.008	0.008	04/08/2019	15:30
3	CAL3	0.025	1	100	100		1.75	0.000	0.017	0.017	04/08/2019	15:31
4	CAL4	0.05	1	100	100		2.12	0.000	0.037	0.037	04/08/2019	15:31
5	CAL5	0.1	1	100	100		1.88	0.000	0.080	0.080	04/08/2019	15:32
6	CAL6	0.5	1	100	100		1.61	0.000	0.387	0.387	04/08/2019	15:32
7	CAL7	1	1	100	100		2.03	0.000	0.770	0.770	04/08/2019	15:33



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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		1.77	0.000	0.392	0.392	0.508	04/08/2019	15:33
2	ICB		1	100	100		2.31	0.000	0.000	0.000	0.000	04/08/2019	15:34
3	CCV1	0.5	1	100	100		2.46	0.000	0.393	0.393	0.510	04/08/2019	15:34
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.000	04/08/2019	15:35
5	PB118695BL		1	2.51	100	7.22	1.87	0.000	0.000	0.000	0.000	04/08/2019	15:35
6	PB118695BS	20	1	2.54	100	7.91	1.60	0.000	0.377	0.377	0.489	04/08/2019	15:36
7	K2294-03		1	2.50	100	7.10	2.33	0.037	0.037	0.000	0.000	04/08/2019	15:36
8	K2294-07		1	2.51	100	7.43	2.26	0.035	0.035	0.000	0.000	04/08/2019	15:37
9	K2305-01		1	2.53	100	7.06	2.37	0.030	0.030	0.000	0.000	04/08/2019	15:37
10	K2309-01		1	2.50	100	7.11	1.65	0.040	0.040	0.000	0.000	04/08/2019	15:38
11	K2317-14		1	2.55	100	7.02	1.64	0.008	0.008	0.000	0.000	04/08/2019	15:38
12	K2317-15		1	2.54	100	7.66	2.24	0.011	0.011	0.000	0.000	04/08/2019	15:39
13	K2317-15DUP		1	2.51	100	7.14	2.30	0.009	0.009	0.000	0.000	04/08/2019	15:39
14	K2317-15MSPre	40	2	2.50	100	7.22	1.69	0.012	0.357	0.345	0.448	04/08/2019	15:40
15	CCV2	0.5	1	100	100		2.16	0.000	0.393	0.393	0.510	04/08/2019	15:40
16	CCB2		1	100	100		1.64	0.000	0.000	0.000	0.000	04/08/2019	15:41
17	K2317-15MS2Ins	1284	40	2.55	100	7.89	1.57	0.008	0.604	0.596	0.773	04/08/2019	15:41
18	K2317-15MS3Post	40	2	2.50	100	7.93	2.03	0.013	0.362	0.349	0.453	04/08/2019	15:42
19	K2317-16		1	2.52	100	7.22	2.34	0.017	0.017	0.000	0.000	04/08/2019	15:42
20	CCV3	0.5	1	100	100		2.25	0.000	0.393	0.393	0.510	04/08/2019	15:43
21	CCB3		1	100	100		1.90	0.000	0.000	0.000	0.000	04/08/2019	15:43