



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100096

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70579
Calibration Std. hexchrome 0.05 ppm	WP70578
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70581
Calibratation STD Hexa Chrome 0.5 PPM	WP70580
calibration std. hexchrome 0.01 ppm	WP70576
calibration std. hexchrome 0 ppm	WP70575
Hexavalent Chromium ICV Std.	WP70582
Hexavalent Chromium CCV Std	WP70583
hexavalent chromium color reagent	WP70527
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70577

Intercept: 0.0001

Slope: 0.7727

Regression: 0.999975

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		2.03	0.000	0.000	0.000	12/28/2018	15:00
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	12/28/2018	15:00
3	CAL3	0.025	1	100	100		1.77	0.000	0.017	0.017	12/28/2018	15:01
4	CAL4	0.05	1	100	100		2.21	0.000	0.039	0.039	12/28/2018	15:01
5	CAL5	0.1	1	100	100		2.34	0.000	0.079	0.079	12/28/2018	15:02
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	12/28/2018	15:02
7	CAL7	1	1	100	100		1.65	0.000	0.771	0.771	12/28/2018	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		1.76	0.000	0.391	0.391	0.506	12/28/2018	15:03
2	ICB		1	100	100		2.18	0.000	0.000	0.000	0.000	12/28/2018	15:04
3	CCV1	0.5	1	100	100		1.91	0.000	0.392	0.392	0.507	12/28/2018	15:04
4	CCB1		1	100	100		2.33	0.000	0.000	0.000	0.000	12/28/2018	15:05
5	PB116075BL		1	2.55	100	7.13	2.17	0.000	0.000	0.000	0.000	12/28/2018	15:05
6	PB116075BS	20	1	2.53	100	7.36	1.60	0.000	0.375	0.375	0.485	12/28/2018	15:06
7	J6193-11		1	2.51	100	7.25	2.35	0.021	0.021	0.000	0.000	12/28/2018	15:06
8	J6193-13		1	2.55	100	7.89	2.21	0.018	0.018	0.000	0.000	12/28/2018	15:07
9	J6193-15		1	2.52	100	7.50	1.77	0.010	0.010	0.000	0.000	12/28/2018	15:07
10	J6193-17		1	2.53	100	7.31	2.28	0.014	0.014	0.000	0.000	12/28/2018	15:08
11	J6193-17DUP		1	2.50	100	7.10	2.11	0.013	0.013	0.000	0.000	12/28/2018	15:08
12	J6193-17MSPre	40	2	2.54	100	7.08	1.66	0.015	0.358	0.343	0.444	12/28/2018	15:09
13	J6193-17MS2Ins	1284	40	2.52	100	7.62	1.89	0.011	0.607	0.596	0.771	12/28/2018	15:09
14	J6193-17MS3Post	40	2	2.51	100	7.77	2.18	0.016	0.360	0.344	0.445	12/28/2018	15:10
15	CCV2	0.5	1	100	100		2.44	0.000	0.375	0.375	0.485	12/28/2018	15:10
16	CCB2		1	100	100		1.93	0.000	0.000	0.000	0.000	12/28/2018	15:11