



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97682

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67474
Calibration Std. hexchrome 0.05 ppm	WP67473
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67475
Calibratation STD Hexa Chrome 0.5 PPM	WP67472
calibration std. hexchrome 0.01 ppm	WP67470
calibration std. hexchrome 0 ppm	WP67469
Hexavalent Chromium ICV Std.	WP67476
Hexavalent Chromium CCV Std	WP67477
hexavalent chromium color reagent	WP67424
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67471

Intercept: 0.0005

Slope: 0.7683

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		2.15	0.000	0.000	0.000	08/31/2018	14:00
2	CAL2	0.01	1	100	100		2.33	0.000	0.007	0.007	08/31/2018	14:00
3	CAL3	0.025	1	100	100		1.64	0.000	0.018	0.018	08/31/2018	14:01
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	08/31/2018	14:01
5	CAL5	0.1	1	100	100		2.17	0.000	0.079	0.079	08/31/2018	14:02
6	CAL6	0.5	1	100	100		2.10	0.000	0.388	0.388	08/31/2018	14:02
7	CAL7	1	1	100	100		1.96	0.000	0.767	0.767	08/31/2018	14:03



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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		1.55	0.000	0.390	0.390	0.507	08/31/2018	14:03
2	ICB		1	100	100		1.78	0.000	0.000	0.000	-0.001	08/31/2018	14:04
3	CCV1	0.5	1	100	100		2.30	0.000	0.390	0.390	0.507	08/31/2018	14:04
4	CCB1		1	100	100		1.84	0.000	0.000	0.000	-0.001	08/31/2018	14:05
5	PB112551BL		1	2.54	100	7.10	2.27	0.000	0.000	0.000	-0.001	08/31/2018	14:05
6	PB112551BS	20	1	2.50	100	7.66	1.66	0.000	0.373	0.373	0.485	08/31/2018	14:06
7	J4270-05		1	2.51	100	7.44	1.91	0.021	0.038	0.017	0.021	08/31/2018	14:06
8	J4726-01		1	2.53	100	7.66	2.10	0.044	0.044	0.000	-0.001	08/31/2018	14:07
9	J4726-03		1	2.55	100	7.80	2.21	0.040	0.040	0.000	-0.001	08/31/2018	14:07
10	J4730-01		1	2.50	100	7.63	1.73	0.011	0.024	0.013	0.016	08/31/2018	14:08
11	J4730-01DUP		1	2.53	100	7.32	1.93	0.012	0.025	0.013	0.016	08/31/2018	14:08
12	J4730-01MSPre	40	2	2.55	100	7.05	2.44	0.014	0.351	0.337	0.438	08/31/2018	14:09
13	J4730-01MS2Ins	1284	40	2.55	100	7.69	2.25	0.010	0.588	0.578	0.752	08/31/2018	14:09
14	J4730-01MS3Post	40	2	2.55	100	7.54	1.67	0.016	0.356	0.340	0.442	08/31/2018	14:10
15	CCV2	0.5	1	100	100		1.58	0.000	0.390	0.390	0.507	08/31/2018	14:10
16	CCB2		1	100	100		2.46	0.000	0.000	0.000	-0.001	08/31/2018	14:11