

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97182

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66821
Calibration Std. hexchrome 0.05 ppm	WP66820
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66823
Calibratation STD Hexa Chrome 0.5 PPM	WP66822
calibration std. hexchrome 0.01 ppm	WP66818
calibration std. hexchrome 0 ppm	WP66817
Hexavalent Chromium ICV Std.	WP66824
Hexavalent Chromium CCV Std	WP66825
hexavalent chromium color reagent	WP66728
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66819

Intercept: 0.0004

Slope: 0.77

Regression: 0.999963

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		2.11	0.000	0.000	0.000	08/08/2018	11:40
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	08/08/2018	11:40
3	CAL3	0.025	1	100	100		1.93	0.000	0.017	0.017	08/08/2018	11:41
4	CAL4	0.05	1	100	100		2.15	0.000	0.038	0.038	08/08/2018	11:41
5	CAL5	0.1	1	100	100		2.30	0.000	0.079	0.079	08/08/2018	11:42
6	CAL6	0.5	1	100	100		2.44	0.000	0.390	0.390	08/08/2018	11:42
7	CAL7	1	1	100	100		2.35	0.000	0.768	0.768	08/08/2018	11:43



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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		1.72	0.000	0.390	0.390	0.506	08/08/2018	11:43
2	ICB		1	100	100		1.54	0.000	0.000	0.000	-0.001	08/08/2018	11:44
3	CCV1	0.5	1	100	100		2.10	0.000	0.390	0.390	0.506	08/08/2018	11:44
4	CCB1		1	100	100		2.18	0.000	0.000	0.000	-0.001	08/08/2018	11:45
5	PB111869BL		1	2.53	100	7.23	1.85	0.000	0.000	0.000	-0.001	08/08/2018	11:45
6	PB111869BS	20	1	2.50	100	7.54	2.41	0.000	0.382	0.382	0.496	08/08/2018	11:46
7	J4275-01		1	2.50	100	7.66	2.39	0.011	0.011	0.000	-0.001	08/08/2018	11:46
8	J4275-03		1	2.52	100	7.90	1.60	0.088	0.088	0.000	-0.001	08/08/2018	11:47
9	J4275-05		1	2.53	100	7.12	1.73	0.035	0.035	0.000	-0.001	08/08/2018	11:47
10	J4275-07		1	2.54	100	7.66	2.15	0.038	0.038	0.000	-0.001	08/08/2018	11:48
11	J4276-01		1	2.51	100	7.83	2.36	0.020	0.020	0.000	-0.001	08/08/2018	11:48
12	J4276-01DUP		1	2.55	100	7.44	2.41	0.019	0.019	0.000	-0.001	08/08/2018	11:49
13	J4276-01MSPre	40	2	2.53	100	7.30	1.94	0.021	0.352	0.331	0.429	08/08/2018	11:49
14	J4276-01MS2Ins	1284	40	2.53	100	7.14	1.78	0.018	0.594	0.576	0.748	08/08/2018	11:50
15	CCV2	0.5	1	100	100		2.30	0.000	0.391	0.391	0.507	08/08/2018	11:50
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	-0.001	08/08/2018	11:51
17	J4276-01MS3Post	40	2	2.53	100	7.33	1.94	0.023	0.358	0.335	0.435	08/08/2018	11:51
18	J4360-01		1	2.51	100	7.10	1.68	0.013	0.013	0.000	-0.001	08/08/2018	11:52
19	J4360-04		1	2.52	100	7.90	2.10	0.026	0.026	0.000	-0.001	08/08/2018	11:52
20	CCV3	0.5	1	100	100		2.34	0.000	0.391	0.391	0.507	08/08/2018	11:53
21	CCB3		1	100	100		1.55	0.000	0.000	0.000	-0.001	08/08/2018	11:53