

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: AMANDEEP

Run Number: LB98143

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68089
Calibration Std. hexchrome 0.05 ppm	WP68088
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68091
Calibratation STD Hexa Chrome 0.5 PPM	WP68090
calibration std. hexchrome 0.01 ppm	WP68086
calibration std. hexchrome 0 ppm	WP68085
Hexavalent Chromium ICV Std.	WP68093
Hexavalent Chromium CCV Std	WP68092
hexavalent chromium color reagent	WP68026
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68087

Intercept: 0.0003

Slope: 0.7716

Regression: 0.999979

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		2.19	0.000	0.000	0.000	09/25/2018	13:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	09/25/2018	13:30
3	CAL3	0.025	1	100	100		1.93	0.000	0.018	0.018	09/25/2018	13:31
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	09/25/2018	13:31
5	CAL5	0.1	1	100	100		2.44	0.000	0.077	0.077	09/25/2018	13:32
6	CAL6	0.5	1	100	100		2.37	0.000	0.390	0.390	09/25/2018	13:32
7	CAL7	1	1	100	100		1.78	0.000	0.770	0.770	09/25/2018	13:33



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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		2.17	0.000	0.389	0.389	0.504	09/25/2018	13:33
2	ICB		1	100	100		2.25	0.000	0.000	0.000	0.000	09/25/2018	13:34
3	CCV1	0.5	1	100	100		1.79	0.000	0.390	0.390	0.505	09/25/2018	15:00
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	0.000	09/25/2018	15:00
5	PB113210BL		1	2.52	100	2.19	2.25	0.000	0.000	0.000	0.000	09/25/2018	15:01
6	PB113210BS	20	1	2.54	100	7.39	1.69	0.000	0.383	0.383	0.496	09/25/2018	15:01
7	J5055-04		1	2.50	100	7.55	1.54	0.010	0.010	0.000	0.000	09/25/2018	15:02
8	J5055-08		1	2.51	100	7.44	2.37	0.008	0.008	0.000	0.000	09/25/2018	15:02
9	J5055-12		1	2.50	100	7.63	2.45	0.005	0.005	0.000	0.000	09/25/2018	15:03
10	J5055-16		1	2.53	100	7.24	2.07	0.013	0.013	0.000	0.000	09/25/2018	15:03
11	J5064-01		1	2.54	100	7.69	1.56	0.012	0.127	0.115	0.149	09/25/2018	15:04
12	J5069-01		1	2.53	100	7.23	2.33	0.210	0.210	0.000	0.000	09/25/2018	15:04
13	J5069-05		1	2.51	100	7.14	1.52	0.318	0.318	0.000	0.000	09/25/2018	15:05
14	J5070-01		1	2.53	100	7.36	2.18	0.025	0.046	0.021	0.027	09/25/2018	15:05
15	CCV2	0.5	1	100	100		1.69	0.000	0.390	0.390	0.505	09/25/2018	15:06
16	CCB2		1	100	100		1.72	0.000	0.000	0.000	0.000	09/25/2018	15:06
17	J5070-01DUP		1	2.55	100	7.66	2.34	0.023	0.041	0.018	0.023	09/25/2018	15:07
18	J5070-01MSPre	40	2	2.50	100	7.90	1.89	0.028	0.379	0.351	0.455	09/25/2018	15:07
19	J5070-01MS2Ins	1284	40	2.50	100	7.44	1.77	0.020	0.617	0.597	0.773	09/25/2018	15:08
20	J5070-01MS3Post	40	2	2.50	100	7.14	2.10	0.029	0.379	0.350	0.453	09/25/2018	15:08
21	J5070-04		1	2.52	100	7.63	2.41	0.031	0.090	0.059	0.076	09/25/2018	15:09
22	J5070-07		1	2.53	100	7.41	1.69	0.027	0.086	0.059	0.076	09/25/2018	15:09
23	J5070-10		1	2.50	100	7.23	2.30	0.024	0.070	0.046	0.059	09/25/2018	15:10
24	CCV3	0.5	1	100	100		1.92	0.000	0.390	0.390	0.505	09/25/2018	15:10
25	CCB3		1	100	100		1.77	0.000	0.000	0.000	0.000	09/25/2018	15:11