

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96674

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66190
Calibration Std. hexchrome 0.05 ppm	WP66189
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66192
Calibratation STD Hexa Chrome 0.5 PPM	WP66191
calibration std. hexchrome 0.01 ppm	WP66187
calibration std. hexchrome 0 ppm	WP66186
Hexavalent Chromium ICV Std.	WP66193
Hexavalent Chromium CCV Std	WP66194
hexavalent chromium color reagent	WP66139
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66188

Intercept: -0.0005

Slope: 0.7684

Regression: 0.999985

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		2.25	0.000	0.000	0.000	07/16/2018	13:10
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	07/16/2018	13:10
3	CAL3	0.025	1	100	100		1.69	0.000	0.017	0.017	07/16/2018	13:14
4	CAL4	0.05	1	100	100		2.24	0.000	0.037	0.037	07/16/2018	13:14
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	07/16/2018	13:15
6	CAL6	0.5	1	100	100		1.67	0.000	0.385	0.385	07/16/2018	13:15
7	CAL7	1	1	100	100		1.75	0.000	0.767	0.767	07/16/2018	13:16



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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		1.58	0.000	0.386	0.386	0.503	07/16/2018	13:16
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.001	07/16/2018	13:17
3	CCV1	0.5	1	100	100		2.17	0.000	0.387	0.387	0.504	07/16/2018	13:17
4	CCB1		1	100	100		1.70	0.000	0.000	0.000	0.001	07/16/2018	13:18
5	PB111174BL		1	2.54	100	7.13	1.84	0.000	0.000	0.000	0.001	07/16/2018	13:18
6	PB111174BS	20	1	2.50	100	7.55	2.27	0.000	0.360	0.360	0.469	07/16/2018	13:19
7	J3819-01		1	2.51	100	7.18	2.11	0.012	0.012	0.000	0.001	07/16/2018	13:19
8	J3819-03		1	2.53	100	7.46	2.46	0.016	0.016	0.000	0.001	07/16/2018	13:20
9	J3819-05		1	2.54	100	7.71	1.66	0.053	0.053	0.000	0.001	07/16/2018	13:20
10	J3819-07		1	2.51	100	7.82	1.93	0.016	0.016	0.000	0.001	07/16/2018	13:21
11	J3829-01		1	2.52	100	7.64	2.30	0.023	0.023	0.000	0.001	07/16/2018	13:21
12	J3829-03		1	2.51	100	7.93	2.40	0.009	0.009	0.000	0.001	07/16/2018	13:22
13	J3829-05		1	2.54	100	7.14	1.63	0.085	0.085	0.000	0.001	07/16/2018	13:22
14	J3996-01		1	2.51	100	7.25	1.78	0.004	0.004	0.000	0.001	07/16/2018	13:23
15	CCV2	0.5	1	100	100		2.10	0.000	0.387	0.387	0.504	07/16/2018	13:23
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.001	07/16/2018	13:24
17	J3996-01DUP		1	2.53	100	7.32	2.30	0.005	0.005	0.000	0.001	07/16/2018	13:24
18	J3996-01MSPre	40	2	2.55	100	7.44	1.88	0.007	0.349	0.342	0.446	07/16/2018	13:25
19	J3996-01MS2Ins	1284	40	2.55	100	7.81	1.69	0.003	0.598	0.595	0.775	07/16/2018	13:25
20	J3996-01MS3Post	40	2	2.55	100	7.77	2.13	0.008	0.353	0.345	0.450	07/16/2018	13:26
21	J3997-03		1	2.50	100	7.61	2.01	0.028	0.028	0.000	0.001	07/16/2018	13:26
22	J3997-07		1	2.55	100	7.33	2.27	0.011	0.011	0.000	0.001	07/16/2018	13:27
23	J3997-11		1	2.50	100	7.48	1.93	0.014	0.014	0.000	0.001	07/16/2018	13:27
24	J3997-15		1	2.52	100	7.86	1.67	0.008	0.008	0.000	0.001	07/16/2018	13:28
25	CCV3	0.5	1	100	100		2.10	0.000	0.387	0.387	0.504	07/16/2018	13:28
26	CCB3		1	100	100		2.16	0.000	0.000	0.000	0.001	07/16/2018	13:29