

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99906

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70377
Calibration Std. hexchrome 0.05 ppm	WP70376
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70379
Calibratation STD Hexa Chrome 0.5 PPM	WP70378
calibration std. hexchrome 0.01 ppm	WP70374
calibration std. hexchrome 0 ppm	WP70373
Hexavalent Chromium ICV Std.	WP70380
Hexavalent Chromium CCV Std	WP70382
hexavalent chromium color reagent	WP70383
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70375

Intercept: 0.0001

Slope: 0.7712

Regression: 0.999984

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	12/18/2018	15:00
2	CAL2	0.01	1	100	100		2.33	0.000	0.007	0.007	12/18/2018	15:00
3	CAL3	0.025	1	100	100		1.60	0.000	0.017	0.017	12/18/2018	15:01
4	CAL4	0.05	1	100	100		1.72	0.000	0.039	0.039	12/18/2018	15:01
5	CAL5	0.1	1	100	100		2.18	0.000	0.079	0.079	12/18/2018	15:02
6	CAL6	0.5	1	100	100		1.74	0.000	0.388	0.388	12/18/2018	15:02
7	CAL7	1	1	100	100		1.53	0.000	0.770	0.770	12/18/2018	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		2.17	0.000	0.389	0.389	0.504	12/18/2018	15:03
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	12/18/2018	15:04
3	CCV1	0.5	1	100	100		2.31	0.000	0.390	0.390	0.506	12/18/2018	15:04
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	0.000	12/18/2018	15:05
5	PB115815BL		1	2.52	100	7.55	1.90	0.000	0.000	0.000	0.000	12/18/2018	15:05
6	PB115815BS	20	1	2.54	100	7.10	2.07	0.000	0.374	0.374	0.485	12/18/2018	15:06
7	J6195-09		1	2.50	100	7.66	1.56	0.028	0.028	0.000	0.000	12/18/2018	15:06
8	J6424-01		1	2.55	100	7.81	1.85	0.010	0.012	0.002	0.002	12/18/2018	15:07
9	J6424-02		1	2.53	100	7.90	2.03	0.008	0.008	0.000	0.000	12/18/2018	15:07
10	J6424-02DUP		1	2.51	100	7.24	2.30	0.009	0.009	0.000	0.000	12/18/2018	15:08
11	J6424-02MSPre	40	2	2.55	100	7.10	1.54	0.009	0.358	0.349	0.452	12/18/2018	15:08
12	J6424-02MS2Ins	1284	40	2.50	100	7.34	1.86	0.007	0.589	0.582	0.755	12/18/2018	15:09
13	J6424-02MS3Post	40	2	2.53	100	7.27	2.21	0.011	0.360	0.349	0.452	12/18/2018	15:09
14	J6424-03		1	2.52	100	7.50	1.69	0.012	0.012	0.000	0.000	12/18/2018	15:10
15	CCV2	0.5	1	100	100		2.08	0.000	0.390	0.390	0.506	12/18/2018	15:10
16	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.000	12/18/2018	15:11
17	J6424-04		1	2.54	100	7.17	1.94	0.005	0.005	0.000	0.000	12/18/2018	15:11
18	J6424-05		1	2.50	100	7.19	1.63	0.007	0.007	0.000	0.000	12/18/2018	15:12
19	J6429-01		1	2.52	100	7.62	1.77	0.012	0.012	0.000	0.000	12/18/2018	15:12
20	J6453-01		1	2.53	100	7.51	2.07	0.039	0.039	0.000	0.000	12/18/2018	15:13
21	J6461-01		1	2.55	100	7.05	2.36	0.088	0.088	0.000	0.000	12/18/2018	15:13
22	J6464-01		1	2.50	100	7.69	1.72	0.027	0.027	0.000	0.000	12/18/2018	15:14
23	J6464-04		1	2.51	100	7.83	1.98	0.031	0.031	0.000	0.000	12/18/2018	15:14
24	CCV3	0.5	1	100	100		1.54	0.000	0.391	0.391	0.507	12/18/2018	15:15
25	CCB3		1	100	100		2.07	0.000	0.000	0.000	0.000	12/18/2018	15:16