

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99711

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70146
Calibration Std. hexchrome 0.05 ppm	WP70145
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP69963
Calibratation STD Hexa Chrome 0.5 PPM	WP69962
calibration std. hexchrome 0.01 ppm	WP70143
calibration std. hexchrome 0 ppm	WP70142
Hexavalent Chromium ICV Std.	WP70147
Hexavalent Chromium CCV Std	WP70148
hexavalent chromium color reagent	WP70013
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70144

Intercept: 0.0001

Slope: 0.771

Regression: 0.999971

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		1.90	0.000	0.000	0.000	12/10/2018	13:00
2	CAL2	0.01	1	100	100		1.54	0.000	0.008	0.008	12/10/2018	13:00
3	CAL3	0.025	1	100	100		2.05	0.000	0.018	0.018	12/10/2018	13:01
4	CAL4	0.05	1	100	100		2.22	0.000	0.037	0.037	12/10/2018	13:01
5	CAL5	0.1	1	100	100		2.30	0.000	0.078	0.078	12/10/2018	13:02
6	CAL6	0.5	1	100	100		1.97	0.000	0.390	0.390	12/10/2018	13:02
7	CAL7	1	1	100	100		1.74	0.000	0.769	0.769	12/10/2018	13:02



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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		2.16	0.000	0.390	0.390	0.506	12/10/2018	13:03
2	ICB		1	100	100		2.21	0.000	0.000	0.000	0.000	12/10/2018	13:03
3	CCV1	0.5	1	100	100		1.80	0.000	0.391	0.391	0.507	12/10/2018	13:04
4	CCB1		1	100	100		1.72	0.000	0.000	0.000	0.000	12/10/2018	13:04
5	PB115520BL		1	2.50	100	7.13	2.44	0.000	0.000	0.000	0.000	12/10/2018	13:05
6	PB115520BS	20	1	2.52	100	7.89	2.35	0.000	0.377	0.377	0.489	12/10/2018	13:05
7	J6196-01		1	2.50	100	7.36	1.66	0.017	0.017	0.000	0.000	12/10/2018	13:06
8	J6196-03		1	2.53	100	2.13	1.54	0.015	0.015	0.000	0.000	12/10/2018	13:06
9	J6196-05		1	2.52	100	7.75	2.02	0.021	0.021	0.000	0.000	12/10/2018	13:07
10	J6197-01		1	2.55	100	7.12	2.31	0.014	0.014	0.000	0.000	12/10/2018	13:07
11	J6214-41		1	2.50	100	7.25	1.78	0.018	0.018	0.000	0.000	12/10/2018	13:08
12	J6214-45		1	2.51	100	7.77	2.13	0.032	0.275	0.243	0.315	12/10/2018	13:08
13	J6214-49		1	2.55	100	7.60	1.89	0.007	0.013	0.006	0.008	12/10/2018	13:09
14	J6290-01		1	2.50	100	7.40	1.95	0.014	0.024	0.010	0.013	12/10/2018	13:09
15	CCV2	0.5	1	100	100		2.18	0.000	0.391	0.391	0.507	12/10/2018	13:10
16	CCB2		1	100	100		2.23	0.000	0.000	0.000	0.000	12/10/2018	13:10
17	J6302-01		1	2.54	100	7.16	1.66	0.011	0.016	0.005	0.006	12/10/2018	13:11
18	J6302-01DUP		1	2.55	100	7.33	2.40	0.010	0.015	0.005	0.006	12/10/2018	13:11
19	J6302-01MSPre	40	2	2.51	100	7.41	2.35	0.011	0.358	0.347	0.450	12/10/2018	13:12
20	J6302-01MS2Ins	1284	40	2.53	100	7.15	1.68	0.008	0.601	0.593	0.769	12/10/2018	13:12
21	J6302-01MS3Post	40	2	2.54	100	7.88	1.72	0.013	0.360	0.347	0.450	12/10/2018	13:13
22	J6306-01		1	2.51	100	7.64	2.33	0.017	0.017	0.000	0.000	12/10/2018	13:13
23	CCV3	0.5	1	100	100		1.74	0.000	0.391	0.391	0.507	12/10/2018	13:14
24	CCB3		1	100	100		1.99	0.000	0.000	0.000	0.000	12/10/2018	13:14