

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95651

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64829
Calibration Std. hexchrome 0.05 ppm	WP64828
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64831
Calibratation STD Hexa Chrome 0.5 PPM	WP64830
calibration std. hexchrome 0.01 ppm	WP64837
calibration std. hexchrome 0 ppm	WP64825
Hexavalent Chromium ICV Std.	WP64832
Hexavalent Chromium CCV Std	WP64833
hexavalent chromium color reagent	WP64738
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64827

Intercept: 0.0006

Slope: 0.7702

Regression: 0.999974

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		2.10	0.000	0.000	0.000	05/25/2018	13:15
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	05/25/2018	13:15
3	CAL3	0.025	1	100	100		1.77	0.000	0.019	0.019	05/25/2018	13:16
4	CAL4	0.05	1	100	100		1.65	0.000	0.039	0.039	05/25/2018	13:16
5	CAL5	0.1	1	100	100		2.03	0.000	0.080	0.080	05/25/2018	13:17
6	CAL6	0.5	1	100	100		1.79	0.000	0.389	0.389	05/25/2018	13:17
7	CAL7	1	1	100	100		1.89	0.000	0.769	0.769	05/25/2018	13:18



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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		2.10	0.000	0.390	0.390	0.506	05/25/2018	13:18
2	ICB		1	100	100		1.89	0.000	0.000	0.000	-0.001	05/25/2018	13:19
3	CCV1	0.5	1	100	100		2.11	0.000	0.390	0.390	0.506	05/25/2018	15:20
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	-0.001	05/25/2018	15:20
5	PB109717BL		1	2.50	100	7.30	2.31	0.000	0.000	0.000	-0.001	05/25/2018	15:20
6	PB109717BS	20	1	2.52	100	7.69	1.83	0.000	0.370	0.370	0.480	05/25/2018	15:21
7	J2923-01		1	2.50	100	7.11	1.72	0.000	0.008	0.008	0.010	05/25/2018	15:21
8	J2923-02		1	2.51	100	7.06	1.95	0.000	0.008	0.008	0.010	05/25/2018	15:22
9	J2923-03		1	2.52	100	7.34	2.23	0.000	0.007	0.007	0.008	05/25/2018	15:22
10	J2923-04		1	2.50	100	7.40	2.44	0.000	0.007	0.007	0.008	05/25/2018	15:23
11	J3096-01		1	2.55	100	7.60	2.30	0.054	0.054	0.000	-0.001	05/25/2018	15:23
12	J3096-02		1	2.54	100	7.11	1.59	0.006	0.009	0.003	0.003	05/25/2018	15:24
13	J3096-03		1	2.50	100	7.25	1.88	0.008	0.012	0.004	0.004	05/25/2018	15:24
14	J3096-03MSPre	40	2	2.53	100	7.64	2.10	0.010	0.361	0.351	0.455	05/25/2018	15:25
15	CCV2	0.5	1	100	100		2.31	0.000	0.390	0.390	0.506	05/25/2018	15:25
16	CCB2		1	100	100		2.29	0.000	0.000	0.000	-0.001	05/25/2018	15:26
17	J3096-03MS2Ins	1284	40	2.53	100	7.23	2.17	0.007	0.628	0.621	0.806	05/25/2018	15:26
18	J3096-03MS3Post	40	2	2.53	100	7.91	2.40	0.011	0.365	0.354	0.459	05/25/2018	15:27
19	J3096-03MSD	40	2	2.53	100	7.52	2.15	0.010	0.361	0.351	0.455	05/25/2018	15:27
20	CCV3	0.5	1	100	100		1.65	0.000	0.390	0.390	0.506	05/25/2018	15:28
21	CCB3		1	100	100		1.91	0.000	0.000	0.000	-0.001	05/25/2018	15:28