

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98522

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68609
Calibration Std. hexchrome 0.05 ppm	WP68608
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68611
Calibratation STD Hexa Chrome 0.5 PPM	WP68610
calibration std. hexchrome 0.01 ppm	WP68606
calibration std. hexchrome 0 ppm	WP68605
Hexavalent Chromium ICV Std.	WP68612
Hexavalent Chromium CCV Std	WP68613
hexavalent chromium color reagent	WP68544
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68607

Intercept: -0.0002

Slope: 0.7707

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		2.10	0.000	0.000	0.000	10/10/2018	13:10
2	CAL2	0.01	1	100	100		2.69	0.000	0.007	0.007	10/10/2018	13:10
3	CAL3	0.025	1	100	100		1.69	0.000	0.018	0.018	10/10/2018	13:11
4	CAL4	0.05	1	100	100		2.25	0.000	0.037	0.037	10/10/2018	13:11
5	CAL5	0.1	1	100	100		1.87	0.000	0.078	0.078	10/10/2018	13:12
6	CAL6	0.5	1	100	100		1.90	0.000	0.388	0.388	10/10/2018	13:12
7	CAL7	1	1	100	100		2.31	0.000	0.769	0.769	10/10/2018	13:13



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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		1.79	0.000	0.391	0.391	0.507	10/10/2018	13:13
2	ICB		1	100	100		1.62	0.000	0.000	0.000	-0.003	10/10/2018	13:14
3	CCV1	0.5	1	100	100		2.04	0.000	0.391	0.391	0.507	10/10/2018	13:14
4	CCB1		1	100	100		2.39	0.000	0.000	0.000	-0.003	10/10/2018	13:15
5	PB113728BL		1	2.55	100	7.20	2.31	0.000	0.000	0.000	-0.003	10/10/2018	13:15
6	PB113728BS	20	1	2.54	100	7.33	1.74	0.000	0.373	0.373	0.483	10/10/2018	13:16
7	J5200-05		1	2.53	100	7.18	1.56	0.015	0.015	0.000	-0.003	10/10/2018	13:16
8	J5200-05DUP		1	2.51	100	7.81	2.25	0.017	0.017	0.000	-0.003	10/10/2018	13:17
9	J5200-05MSPre	40	2	2.52	100	7.44	1.88	0.019	0.360	0.341	0.441	10/10/2018	13:17
10	J5200-05MS2Ins	1284	40	2.52	100	7.17	2.17	0.012	0.576	0.564	0.732	10/10/2018	13:18
11	J5200-05MS3Post	40	2	2.52	100	7.05	2.36	0.020	0.362	0.342	0.443	10/10/2018	13:18
12	J5200-07		1	2.55	100	7.69	1.83	0.031	0.031	0.000	-0.003	10/10/2018	13:19
13	J5324-01		1	2.50	100	7.27	2.07	0.021	0.032	0.011	0.012	10/10/2018	13:19
14	J5325-01		1	2.51	100	7.60	2.34	0.120	0.120	0.000	-0.003	10/10/2018	13:20
15	CCV2	0.5	1	100	100		1.66	0.000	0.391	0.391	0.507	10/10/2018	13:20
16	CCB2		1	100	100		1.81	0.000	0.000	0.000	-0.003	10/10/2018	13:21
17	J5329-01		1	2.52	100	7.92	2.21	0.013	0.013	0.000	-0.003	10/10/2018	13:21
18	J5329-05		1	2.53	100	7.66	2.47	0.016	0.016	0.000	-0.003	10/10/2018	13:22
19	J5331-02		1	2.54	100	7.74	1.63	0.006	0.010	0.004	0.002	10/10/2018	13:22
20	J5366-01		1	2.50	100	7.48	1.89	0.023	0.023	0.000	-0.003	10/10/2018	13:23
21	J5369-01		1	2.51	100	7.66	1.62	0.008	0.008	0.000	-0.003	10/10/2018	13:23
22	J5373-01		1	2.54	100	7.23	2.21	0.050	0.050	0.000	-0.003	10/10/2018	13:24
23	J5373-03		1	2.55	100	7.56	2.03	0.011	0.011	0.000	-0.003	10/10/2018	13:24
24	CCV3	0.5	1	100	100		1.78	0.000	0.391	0.391	0.507	10/10/2018	13:25
25	CCB3		1	100	100		1.56	0.000	0.000	0.000	-0.003	10/10/2018	13:25