

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94153

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63054
Calibration Std. hexchrome 0.05 ppm	WP63053
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63056
Calibratation STD Hexa Chrome 0.5 PPM	WP63055
calibration std. hexchrome 0.01 ppm	WP63051
calibration std. hexchrome 0 ppm	WP63050
Hexavalent Chromium ICV Std.	WP63057
Hexavalent Chromium CCV Std	WP63058
hexavalent chromium color reagent	WP62892
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63052

Intercept: 0.0006

Slope: 0.7698

Regression: 0.999986

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		2.46	0.000	0.000	0.000	03/26/2018	13:00
2	CAL2	0.01	1	100	100		1.80	0.000	0.008	0.008	03/26/2018	13:00
3	CAL3	0.025	1	100	100		2.20	0.000	0.018	0.018	03/26/2018	13:01
4	CAL4	0.05	1	100	100		2.31	0.000	0.039	0.039	03/26/2018	13:01
5	CAL5	0.1	1	100	100		1.79	0.000	0.079	0.079	03/26/2018	13:02
6	CAL6	0.5	1	100	100		1.95	0.000	0.388	0.388	03/26/2018	13:02
7	CAL7	1	1	100	100		2.16	0.000	0.769	0.769	03/26/2018	13:03



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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		1.73	0.000	0.390	0.390	0.506	03/26/2018	13:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	-0.001	03/26/2018	13:04
3	CCV1	0.5	1	100	100		2.27	0.000	0.390	0.390	0.506	03/26/2018	13:04
4	CCB1		1	100	100		1.55	0.000	0.000	0.000	-0.001	03/26/2018	13:05
5	PB107670BL		1	2.51	100	7.25	1.90	0.000	0.000	0.000	-0.001	03/26/2018	13:05
6	PB107670BS	20	1	2.55	100	7.13	2.23	0.000	0.374	0.374	0.485	03/26/2018	13:06
7	J1758-01		1	2.53	100	7.69	2.31	0.034	0.034	0.000	-0.001	03/26/2018	13:06
8	J1758-03		1	2.51	100	7.52	1.66	0.030	0.030	0.000	-0.001	03/26/2018	13:07
9	J1758-05		1	2.55	100	7.12	2.10	0.046	0.046	0.000	-0.001	03/26/2018	13:07
10	J1758-07		1	2.54	100	7.85	2.28	0.028	0.028	0.000	-0.001	03/26/2018	13:08
11	J1760-05		1	2.50	100	7.64	2.44	0.037	0.037	0.000	-0.001	03/26/2018	13:08
12	J1760-07		1	2.53	100	7.24	2.48	0.019	0.019	0.000	-0.001	03/26/2018	13:09
13	J2044-01		1	2.51	100	7.10	1.76	0.013	0.014	0.001	0.001	03/26/2018	13:09
14	J2044-02		1	2.50	100	7.79	1.89	0.010	0.012	0.002	0.002	03/26/2018	13:10
15	CCV2	0.5	1	100	100		2.28	0.000	0.390	0.390	0.506	03/26/2018	13:10
16	CCB2		1	100	100		2.44	0.000	0.000	0.000	-0.001	03/26/2018	13:11
17	J2044-02DUP		1	2.52	100	7.60	1.59	0.009	0.011	0.002	0.002	03/26/2018	13:11
18	J2044-02MSPre	40	2	2.55	100	7.32	1.95	0.014	0.368	0.354	0.459	03/26/2018	13:12
19	J2044-02MS2Ins	1284	40	2.51	100	7.16	2.11	0.008	0.599	0.591	0.767	03/26/2018	13:12
20	J2044-02MS3Post	40	2	2.50	100	7.21	1.78	0.016	0.371	0.355	0.460	03/26/2018	13:13
21	J2047-01		1	2.52	100	7.63	1.96	0.021	0.021	0.000	-0.001	03/26/2018	13:13
22	J2050-01		1	2.50	100	7.10	1.69	0.029	0.029	0.000	-0.001	03/26/2018	13:14
23	J2050-04		1	2.55	100	7.28	2.20	0.068	0.068	0.000	-0.001	03/26/2018	13:14
24	J2052-01		1	2.53	100	7.31	2.31	0.007	0.007	0.000	-0.001	03/26/2018	13:15
25	J2052-03		1	2.54	100	7.77	1.74	0.009	0.009	0.000	-0.001	03/26/2018	13:15
26	CCV3	0.5	1	100	100		1.99	0.000	0.391	0.391	0.507	03/26/2018	13:16
27	CCB3		1	100	100		2.05	0.000	0.000	0.000	-0.001	03/26/2018	13:16