

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94107

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62959
Calibration Std. hexchrome 0.05 ppm	WP62958
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62962
Calibratation STD Hexa Chrome 0.5 PPM	WP62960
calibration std. hexchrome 0.01 ppm	WP62956
calibration std. hexchrome 0 ppm	WP62955
Hexavalent Chromium ICV Std.	WP62963
Hexavalent Chromium CCV Std	WP62965
hexavalent chromium color reagent	WP62892
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62957

Intercept: 0.0004

Slope: 0.7703

Regression: 0.999979

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		2.13	0.000	0.000	0.000	03/23/2018	13:00
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	03/23/2018	13:00
3	CAL3	0.025	1	100	100		1.81	0.000	0.018	0.018	03/23/2018	13:01
4	CAL4	0.05	1	100	100		1.90	0.000	0.038	0.038	03/23/2018	13:01
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	03/23/2018	13:02
6	CAL6	0.5	1	100	100		1.66	0.000	0.389	0.389	03/23/2018	13:02
7	CAL7	1	1	100	100		2.19	0.000	0.769	0.769	03/23/2018	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		2.28	0.000	0.391	0.391	0.507	03/23/2018	13:03
2	ICB		1	100	100		2.35	0.000	0.000	0.000	-0.001	03/23/2018	13:04
3	CCV1	0.5	1	100	100		1.77	0.000	0.391	0.391	0.507	03/23/2018	13:04
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	03/23/2018	13:05
5	PB107610BL		1	2.54	100	7.04	1.79	0.000	0.000	0.000	-0.001	03/23/2018	13:05
6	PB107610BS	20	1	2.55	100	7.69	1.54	0.000	0.379	0.379	0.491	03/23/2018	13:06
7	J1748-07		1	2.53	100	7.10	2.23	0.021	0.030	0.009	0.011	03/23/2018	13:06
8	J1748-07DUP		1	2.50	100	7.25	2.44	0.020	0.028	0.008	0.010	03/23/2018	13:07
9	J1748-07MSPre	40	2	2.51	100	7.33	1.84	0.022	0.365	0.343	0.445	03/23/2018	13:07
10	J1748-07MS2Ins	1284	40	2.52	100	7.40	2.22	0.018	0.621	0.603	0.782	03/23/2018	13:08
11	J1748-07MS3Post	40	2	2.55	100	7.15	2.31	0.023	0.370	0.347	0.450	03/23/2018	13:08
12	J1748-09		1	2.52	100	7.12	1.69	0.024	0.032	0.008	0.010	03/23/2018	13:09
13	J1748-11		1	2.50	100	7.51	1.74	0.019	0.029	0.010	0.012	03/23/2018	13:09
14	J1748-13		1	2.51	100	7.41	2.40	0.014	0.027	0.013	0.016	03/23/2018	13:10
15	CCV2	0.5	1	100	100		2.21	0.000	0.391	0.391	0.507	03/23/2018	13:10
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	-0.001	03/23/2018	13:11
17	J2009-01		1	2.52	100	7.63	1.70	0.037	0.037	0.000	-0.001	03/23/2018	13:11
18	J2009-02		1	2.54	100	7.78	1.95	0.033	0.033	0.000	-0.001	03/23/2018	13:12
19	J2009-03		1	2.53	100	7.80	2.11	0.027	0.027	0.000	-0.001	03/23/2018	13:12
20	CCV3	0.5	1	100	100		2.33	0.000	0.392	0.392	0.508	03/23/2018	13:13
21	CCB3		1	100	100		2.46	0.000	0.000	0.000	-0.001	03/23/2018	13:13