

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94185

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63091
Calibration Std. hexchrome 0.05 ppm	WP63090
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63093
Calibratation STD Hexa Chrome 0.5 PPM	WP63092
calibration std. hexchrome 0.01 ppm	WP63089
calibration std. hexchrome 0 ppm	WP63084
Hexavalent Chromium ICV Std.	WP63095
Hexavalent Chromium CCV Std	WP63094
hexavalent chromium color reagent	WP62892
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63097

Intercept: 0.0002

Slope: 0.7702

Regression: 0.999987

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		2.41	0.000	0.000	0.000	03/27/2018	13:00
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	03/27/2018	13:00
3	CAL3	0.025	1	100	100		1.89	0.000	0.018	0.018	03/27/2018	13:01
4	CAL4	0.05	1	100	100		2.13	0.000	0.039	0.039	03/27/2018	13:01
5	CAL5	0.1	1	100	100		2.31	0.000	0.078	0.078	03/27/2018	13:02
6	CAL6	0.5	1	100	100		1.96	0.000	0.388	0.388	03/27/2018	13:02
7	CAL7	1	1	100	100		1.78	0.000	0.769	0.769	03/27/2018	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	0.389	0.389	0.505	03/27/2018	13:03
2	ICB		1	100	100		2.32	0.000	0.000	0.000	0.000	03/27/2018	13:04
3	CCV1	0.5	1	100	100		1.98	0.000	0.389	0.389	0.505	03/27/2018	13:04
4	CCB1		1	100	100		1.69	0.000	0.000	0.000	0.000	03/27/2018	13:05
5	PB107708BL		1	2.52	100	7.13	1.90	0.000	0.000	0.000	0.000	03/27/2018	13:05
6	PB107708BS	20	1	2.53	100	7.21	2.31	0.000	0.356	0.356	0.462	03/27/2018	13:06
7	J1749-05		1	2.52	100	7.56	2.31	0.031	0.031	0.000	0.000	03/27/2018	13:06
8	J1749-05DUP		1	2.55	100	7.42	1.96	0.032	0.032	0.000	0.000	03/27/2018	13:07
9	J1749-05MSPre	40	2	2.50	100	7.16	1.93	0.035	0.216	0.181	0.235	03/27/2018	13:07
10	J1749-05MS2Ins	1284	40	2.52	100	7.45	1.89	0.008	0.598	0.590	0.766	03/27/2018	13:08
11	J1749-05MS3Post	40	2	2.50	100	7.54	2.15	0.012	0.244	0.232	0.301	03/27/2018	13:08
12	J2063-01		1	2.51	100	7.31	1.56	0.038	0.038	0.000	0.000	03/27/2018	13:09
13	J2064-01		1	2.55	100	7.14	1.79	0.073	0.073	0.000	0.000	03/27/2018	13:09
14	J2065-01		1	2.52	100	7.21	1.69	0.067	0.067	0.000	0.000	03/27/2018	13:10
15	CCV2	0.5	1	100	100		1.89	0.000	0.390	0.390	0.506	03/27/2018	13:10
16	CCB2		1	100	100		1.46	0.000	0.000	0.000	0.000	03/27/2018	13:11
17	J2066-01		1	2.53	100	7.31	2.36	0.092	0.092	0.000	0.000	03/27/2018	13:11
18	J2068-01		1	2.51	100	7.14	2.19	0.104	0.108	0.004	0.005	03/27/2018	13:12
19	J2071-01		1	2.52	100	7.48	2.22	0.009	0.009	0.000	0.000	03/27/2018	13:12
20	J2071-04		1	2.53	100	7.42	2.25	0.014	0.014	0.000	0.000	03/27/2018	13:13
21	J2071-07		1	2.50	100	7.16	1.58	0.036	0.036	0.000	0.000	03/27/2018	13:14
22	CCV3	0.5	1	100	100		1.98	0.000	0.390	0.390	0.506	03/27/2018	13:14
23	CCB3		1	100	100		1.98	0.000	0.000	0.000	0.000	03/27/2018	13:15