

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94320

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63302
Calibration Std. hexchrome 0.05 ppm	WP63300
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63304
Calibratation STD Hexa Chrome 0.5 PPM	WP63303
calibration std. hexchrome 0.01 ppm	WP63299
calibration std. hexchrome 0 ppm	WP63297
Hexavalent Chromium ICV Std.	WP63306
Hexavalent Chromium CCV Std	WP63305
hexavalent chromium color reagent	WP63232
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63301

Intercept: 0.0002

Slope: 0.7682

Regression: 0.999962

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		2.21	0.000	0.000	0.000	04/02/2018	17:30
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	04/02/2018	17:30
3	CAL3	0.025	1	100	100		2.39	0.000	0.017	0.017	04/02/2018	17:31
4	CAL4	0.05	1	100	100		2.44	0.000	0.038	0.038	04/02/2018	17:31
5	CAL5	0.1	1	100	100		1.74	0.000	0.079	0.079	04/02/2018	17:32
6	CAL6	0.5	1	100	100		2.10	0.000	0.389	0.389	04/02/2018	17:32
7	CAL7	1	1	100	100		1.65	0.000	0.766	0.766	04/02/2018	17:33

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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		2.31	0.000	0.390	0.390	0.507	04/02/2018	17:33
2	ICB		1	100	100		1.70	0.000	0.000	0.000	0.000	04/02/2018	17:34
3	CCV1	0.5	1	100	100		1.93	0.000	0.391	0.391	0.509	04/02/2018	17:34
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	04/02/2018	17:35
5	PB107915BL		1	2.55	100	7.23	1.66	0.000	0.000	0.000	0.000	04/02/2018	17:35
6	PB107915BS	20	1	2.50	100	7.80	2.34	0.000	0.345	0.345	0.449	04/02/2018	17:36
7	J1757-07		1	2.55	100	7.53	2.38	0.009	0.009	0.000	0.000	04/02/2018	17:36
8	J1757-09		1	2.50	100	7.32	1.85	0.016	0.016	0.000	0.000	04/02/2018	17:37
9	J1757-11		1	2.54	100	7.41	2.03	0.020	0.020	0.000	0.000	04/02/2018	17:37
10	J2175-01		1	2.50	100	7.69	2.36	0.014	0.014	0.000	0.000	04/02/2018	17:38
11	J2175-01DUP		1	2.52	100	7.23	1.81	0.012	0.012	0.000	0.000	04/02/2018	17:38
12	J2175-01MSPre	40	2	2.52	100	7.06	1.92	0.015	0.207	0.192	0.250	04/02/2018	17:39
13	J2175-01MS2Ins	1284	40	2.51	100	7.33	2.12	0.013	0.610	0.597	0.777	04/02/2018	17:39
14	J2175-01MS3Post	40	2	2.54	100	7.88	2.47	0.019	0.228	0.209	0.272	04/02/2018	17:40
15	CCV2	0.5	1	100	100		2.26	0.000	0.391	0.391	0.509	04/02/2018	17:40
16	CCB2		1	100	100		1.67	0.000	0.000	0.000	0.000	04/02/2018	17:41
17	J2178-01		1	2.52	100	7.14	2.09	0.033	0.035	0.002	0.002	04/02/2018	17:41
18	J2185-01		1	2.50	100	7.77	2.05	0.009	0.030	0.021	0.027	04/02/2018	17:42
19	J2185-10		1	2.53	100	7.33	1.77	0.005	0.021	0.016	0.021	04/02/2018	17:42
20	CCV3	0.5	1	100	100		1.56	0.000	0.391	0.391	0.509	04/03/2018	17:43
21	CCB3		1	100	100		2.13	0.000	0.000	0.000	0.000	04/02/2018	17:43