

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93760

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62560
Calibration Std. hexchrome 0.05 ppm	WP62559
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62562
Calibratation STD Hexa Chrome 0.5 PPM	WP62561
calibration std. hexchrome 0.01 ppm	WP62557
calibration std. hexchrome 0 ppm	WP62554
Hexavalent Chromium ICV Std.	WP62563
Hexavalent Chromium CCV Std	WP62564
hexavalent chromium color reagent	WP62566
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62558

Intercept: 0.0002

Slope: 0.769

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		1.96	0.000	0.000	0.000	03/08/2018	12:00
2	CAL2	0.01	1	100	100		1.78	0.000	0.008	0.008	03/08/2018	12:00
3	CAL3	0.025	1	100	100		2.04	0.000	0.017	0.017	03/08/2018	12:01
4	CAL4	0.05	1	100	100		2.33	0.000	0.039	0.039	03/08/2018	12:01
5	CAL5	0.1	1	100	100		2.45	0.000	0.078	0.078	03/08/2018	12:02
6	CAL6	0.5	1	100	100		1.61	0.000	0.387	0.387	03/08/2018	12:02
7	CAL7	1	1	100	100		1.99	0.000	0.768	0.768	03/08/2018	12:03

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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		1.78	0.000	0.389	0.389	0.506	03/08/2018	12:03
2	ICB		1	100	100		2.13	0.000	0.000	0.000	0.000	03/08/2018	12:04
3	CCV1	0.5	1	100	100		2.21	0.000	0.389	0.389	0.506	03/08/2018	12:04
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.000	03/08/2018	12:05
5	PB107157BL		1	2.54	100	7.30	2.15	0.000	0.000	0.000	0.000	03/08/2018	12:05
6	PB107157BS	20	1	2.50	100	7.18	1.69	0.000	0.356	0.356	0.463	03/08/2018	12:06
7	J1748-01		1	2.51	100	7.36	2.38	0.016	0.018	0.002	0.002	03/08/2018	12:06
8	J1748-03		1	2.53	100	7.60	2.41	0.012	0.015	0.003	0.004	03/08/2018	12:07
9	J1748-05		1	2.50	100	7.88	1.96	0.014	0.016	0.002	0.002	03/08/2018	12:07
10	J1749-01		1	2.55	100	7.72	1.57	0.011	0.011	0.000	0.000	03/08/2018	12:08
11	J1749-01DUP		1	2.52	100	7.90	1.63	0.010	0.010	0.000	0.000	03/08/2018	12:08
12	J1749-01MSPre	40	2	2.53	100	7.33	2.12	0.014	0.150	0.136	0.177	03/08/2018	12:09
13	J1749-01MS2Ins	1284	40	2.52	100	7.17	2.36	0.009	0.579	0.570	0.741	03/08/2018	12:09
14	J1749-01MS3Post	40	2	2.50	100	7.04	2.40	0.017	0.264	0.247	0.321	03/08/2018	12:10
15	CCV2	0.5	1	100	100		1.88	0.000	0.390	0.390	0.507	03/08/2018	12:10
16	CCB2		1	100	100		1.70	0.000	0.000	0.000	0.000	03/08/2018	12:11
17	J1779-01		1	2.51	100	7.08	2.04	0.011	0.144	0.133	0.173	03/08/2018	12:11
18	J1819-01		1	2.54	100	7.26	2.10	0.013	0.013	0.000	0.000	03/08/2018	12:12
19	J1819-02		1	2.55	100	7.47	1.56	0.017	0.017	0.000	0.000	03/08/2018	12:12
20	J1819-03		1	2.53	100	7.60	1.72	0.015	0.015	0.000	0.000	03/08/2018	12:13
21	J1823-01		1	2.51	100	7.81	2.27	0.017	0.018	0.001	0.001	03/08/2018	12:13
22	J1823-03		1	2.52	100	7.57	2.38	0.007	0.007	0.000	0.000	03/08/2018	12:14
23	J1826-08		1	2.55	100	7.66	1.74	0.009	0.009	0.000	0.000	03/08/2018	12:14
24	J1826-09		1	2.53	100	7.55	2.44	0.014	0.014	0.000	0.000	03/08/2018	12:15
25	J1826-10		1	2.54	100	7.21	1.81	0.010	0.010	0.000	0.000	03/08/2018	12:15
26	J1828-01		1	2.52	100	7.30	2.29	0.023	0.023	0.000	0.000	03/08/2018	12:16
27	CCV3	0.5	1	100	100		1.93	0.000	0.390	0.390	0.507	03/08/2018	12:16
28	CCB3		1	100	100		2.06	0.000	0.000	0.000	0.000	03/08/2018	12:17
29	J1828-07		1	2.54	100	7.22	1.68	0.013	0.048	0.035	0.045	03/08/2018	12:17
30	CCV4	0.5	1	100	100		1.53	0.000	0.390	0.390	0.507	03/08/2018	12:18
31	CCB4		1	100	100		2.10	0.000	0.000	0.000	0.000	03/08/2018	12:18