

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93670

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62437
Calibration Std. hexchrome 0.05 ppm	WP62436
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62439
Calibratation STD Hexa Chrome 0.5 PPM	WP62438
calibration std. hexchrome 0.01 ppm	WP62434
calibration std. hexchrome 0 ppm	WP62433
Hexavalent Chromium ICV Std.	WP62440
Hexavalent Chromium CCV Std	WP62441
hexavalent chromium color reagent	WP62357
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62435

Intercept: -0

Slope: 0.7693

Regression: 0.999993

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		1.66	0.000	0.000	0.000	03/02/2018	14:10
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	03/02/2018	14:10
3	CAL3	0.025	1	100	100		2.25	0.000	0.017	0.017	03/02/2018	14:11
4	CAL4	0.05	1	100	100		2.33	0.000	0.039	0.039	03/02/2018	14:11
5	CAL5	0.1	1	100	100		1.77	0.000	0.078	0.078	03/02/2018	14:12
6	CAL6	0.5	1	100	100		1.88	0.000	0.385	0.385	03/02/2018	14:12
7	CAL7	1	1	100	100		2.39	0.000	0.769	0.769	03/02/2018	14:13



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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		1.87	0.000	0.389	0.389	0.506	03/02/2018	14:13
2	ICB		1	100	100		1.55	0.000	0.000	0.000	0.000	03/02/2018	14:14
3	CCV1	0.5	1	100	100		1.63	0.000	0.389	0.389	0.506	03/02/2018	14:14
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	0.000	03/02/2018	14:15
5	PB107044BL		1	2.50	100	7.20	1.78	0.000	0.000	0.000	0.000	03/02/2018	14:15
6	PB107044BS	20	1	2.51	100	7.39	1.61	0.000	0.387	0.387	0.503	03/02/2018	14:16
7	J1402-07		1	2.50	100	7.17	2.11	0.018	0.030	0.012	0.016	03/02/2018	14:16
8	J1402-09		1	2.53	100	7.19	2.34	0.020	0.020	0.000	0.000	03/02/2018	14:17
9	J1402-11		1	2.51	100	7.96	2.21	0.189	0.189	0.000	0.000	03/02/2018	14:17
10	J1402-13		1	2.50	100	7.40	1.90	0.052	0.052	0.000	0.000	03/02/2018	14:18
11	J1719-01		1	2.52	100	7.33	2.33	0.041	0.041	0.000	0.000	03/02/2018	14:18
12	J1730-01		1	2.53	100	7.78	2.14	0.023	0.023	0.000	0.000	03/02/2018	14:19
13	J1756-01		1	2.55	100	7.61	1.88	0.014	0.014	0.000	0.000	03/02/2018	14:19
14	J1756-03		1	2.51	100	7.11	1.90	0.012	0.012	0.000	0.000	03/02/2018	14:20
15	CCV2	0.5	1	100	100		1.75	0.000	0.390	0.390	0.507	03/02/2018	14:20
16	CCB2		1	100	100		2.30	0.000	0.000	0.000	0.000	03/02/2018	14:21
17	J1767-03		1	2.50	100	7.38	2.42	0.018	0.018	0.000	0.000	03/02/2018	14:21
18	J1774-01		1	2.55	100	7.54	1.67	0.007	0.007	0.000	0.000	03/02/2018	14:22
19	J1774-01DUP		1	2.54	100	7.61	2.21	0.008	0.008	0.000	0.000	03/02/2018	14:22
20	J1774-01MSPre	40	2	2.53	100	7.77	1.60	0.009	0.358	0.349	0.454	03/02/2018	14:23
21	J1774-01MS2Ins	1284	40	2.54	100	7.13	1.89	0.006	0.593	0.587	0.763	03/02/2018	14:23
22	J1774-01MS3Post	40	2	2.50	100	7.44	2.35	0.011	0.363	0.352	0.458	03/02/2018	14:24
23	J1774-02		1	2.53	100	7.59	1.97	0.010	0.011	0.001	0.001	03/02/2018	14:24
24	J1774-03		1	2.52	100	7.02	1.85	0.007	0.009	0.002	0.003	03/02/2018	14:25
25	J1778-04		1	2.50	100	7.16	2.10	0.050	0.050	0.000	0.000	03/02/2018	14:25
26	J1778-05		1	2.55	100	7.62	2.45	0.017	0.017	0.000	0.000	03/02/2018	14:26
27	CCV3	0.5	1	100	100		2.10	0.000	0.390	0.390	0.507	03/02/2018	14:26
28	CCB3		1	100	100		1.57	0.000	0.000	0.000	0.000	03/02/2018	14:27
29	J1778-06		1	2.54	100	7.29	1.69	0.014	0.014	0.000	0.000	03/02/2018	14:27
30	CCV4	0.5	1	100	100		2.20	0.000	0.390	0.390	0.507	03/02/2018	14:28
31	CCB4		1	100	100		2.30	0.000	0.000	0.000	0.000	03/02/2018	14:28