

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93149

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61703
Calibration Std. hexchrome 0.05 ppm	WP61702
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61705
Calibratation STD Hexa Chrome 0.5 PPM	WP61704
calibration std. hexchrome 0.01 ppm	WP61700
calibration std. hexchrome 0 ppm	WP61697
Hexavalent Chromium ICV Std.	WP61706
Hexavalent Chromium CCV Std	WP61707
hexavalent chromium color reagent	WP61709
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61701

Intercept: 0.0003

Slope: 0.7661

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		2.11	0.000	0.000	0.000	02/07/2018	14:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	02/07/2018	14:10
3	CAL3	0.025	1	100	100		1.81	0.000	0.018	0.018	02/07/2018	14:11
4	CAL4	0.05	1	100	100		2.36	0.000	0.039	0.039	02/07/2018	14:11
5	CAL5	0.1	1	100	100		2.21	0.000	0.078	0.078	02/07/2018	14:12
6	CAL6	0.5	1	100	100		1.71	0.000	0.386	0.386	02/07/2018	14:12
7	CAL7	1	1	100	100		1.98	0.000	0.765	0.765	02/07/2018	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		2.10	0.000	0.388	0.388	0.506	02/07/2018	14:13
2	ICB		1	100	100		1.55	0.000	0.000	0.000	0.000	02/07/2018	14:14
3	CCV1	0.5	1	100	100		1.61	0.000	0.388	0.388	0.506	02/07/2018	14:14
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	0.000	02/07/2018	14:15
5	PB106374BL		1	2.50	100	7.21	2.36	0.000	0.000	0.000	0.000	02/07/2018	14:15
6	PB106374BS	20	1	2.53	100	7.40	1.87	0.000	0.377	0.377	0.492	02/07/2018	14:16
7	J1400-01		1	2.52	100	7.86	1.73	0.035	0.035	0.000	0.000	02/07/2018	14:16
8	J1400-03		1	2.55	100	7.11	2.45	0.030	0.030	0.000	0.000	02/07/2018	14:17
9	J1400-05		1	2.51	100	7.74	2.11	0.033	0.033	0.000	0.000	02/07/2018	14:17
10	J1403-01		1	2.52	100	7.18	1.68	0.028	0.028	0.000	0.000	02/07/2018	14:18
11	J1465-01		1	2.55	100	7.10	1.80	0.013	0.013	0.000	0.000	02/07/2018	14:18
12	J1465-01DUP		1	2.53	100	7.36	1.58	0.012	0.012	0.000	0.000	02/07/2018	14:19
13	J1465-01MSPre	40	2	2.52	100	7.22	2.38	0.014	0.358	0.344	0.449	02/07/2018	14:19
14	J1465-01MS2Ins	1284	40	2.52	100	7.94	1.65	0.011	0.605	0.594	0.775	02/07/2018	14:20
15	CCV2	0.5	1	100	100		1.91	0.000	0.389	0.389	0.507	02/07/2018	14:20
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	02/07/2018	14:21
17	J1465-01MS3Post	40	2	2.50	100	7.84	2.36	0.015	0.363	0.348	0.454	02/07/2018	14:21
18	J1473-01		1	2.53	100	7.22	1.98	0.042	0.042	0.000	0.000	02/07/2018	14:22
19	J1473-05		1	2.51	100	7.63	1.74	0.037	0.037	0.000	0.000	02/07/2018	14:22
20	J1473-09		1	2.54	100	7.10	1.69	0.035	0.035	0.000	0.000	02/07/2018	14:23
21	J1473-13		1	2.55	100	7.14	2.23	0.029	0.029	0.000	0.000	02/07/2018	14:23
22	J1473-17		1	2.52	100	7.22	2.38	0.017	0.017	0.000	0.000	02/07/2018	14:24
23	J1473-21		1	2.55	100	7.37	1.87	0.019	0.019	0.000	0.000	02/07/2018	14:24
24	J1473-25		1	2.50	100	7.41	1.71	0.011	0.011	0.000	0.000	02/07/2018	14:25
25	J1473-29		1	2.54	100	7.60	2.03	0.021	0.026	0.005	0.006	02/07/2018	14:25
26	J1473-33		1	2.51	100	7.98	1.77	0.028	0.028	0.000	0.000	02/07/2018	14:26
27	CCV3	0.5	1	100	100		2.21	0.000	0.389	0.389	0.507	02/07/2018	14:26
28	CCB3		1	100	100		2.16	0.000	0.000	0.000	0.000	02/07/2018	14:27
29	J1473-37		1	2.53	100	7.20	1.63	0.037	0.037	0.000	0.000	02/07/2018	14:27
30	J1473-41		1	2.54	100	7.07	2.26	0.040	0.041	0.001	0.001	02/07/2018	14:28
31	CCV4	0.5	1	100	100		2.40	0.000	0.389	0.389	0.507	02/07/2018	14:28
32	CCB4		1	100	100		1.78	0.000	0.000	0.000	0.000	02/07/2018	14:29