

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92914

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61366
Calibration Std. hexchrome 0.05 ppm	WP61364
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61368
Calibratation STD Hexa Chrome 0.5 PPM	WP61367
calibration std. hexchrome 0.01 ppm	WP61363
calibration std. hexchrome 0 ppm	WP61362
Hexavalent Chromium ICV Std.	WP61369
Hexavalent Chromium CCV Std	WP61371
hexavalent chromium color reagent	WP61240
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61365

Intercept: -0.0003

Slope: 0.7657

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		1.63	0.000	0.000	0.000	01/26/2018	12:30
2	CAL2	0.01	1	100	100		2.21	0.000	0.007	0.007	01/26/2018	12:30
3	CAL3	0.025	1	100	100		1.75	0.000	0.016	0.016	01/26/2018	12:31
4	CAL4	0.05	1	100	100		2.33	0.000	0.039	0.039	01/26/2018	12:31
5	CAL5	0.1	1	100	100		1.59	0.000	0.078	0.078	01/26/2018	12:32
6	CAL6	0.5	1	100	100		2.42	0.000	0.383	0.383	01/26/2018	12:32
7	CAL7	1	1	100	100		1.96	0.000	0.765	0.765	01/26/2018	12:33



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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		1.60	0.000	0.385	0.385	0.503	01/26/2018	12:33
2	ICB		1	100	100		1.86	0.000	0.000	0.000	0.000	01/26/2018	12:34
3	CCV1	0.5	1	100	100		2.29	0.000	0.385	0.385	0.503	01/26/2018	12:34
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	0.000	01/26/2018	12:35
5	PB106072BL		1	2.54	100	7.77	1.66	0.000	0.000	0.000	0.000	01/26/2018	12:35
6	PB106072BS	20	1	2.50	100	7.21	2.25	0.000	0.379	0.379	0.495	01/26/2018	12:36
7	J1009-01		1	2.51	100	7.63	2.44	0.029	0.029	0.000	0.000	01/26/2018	12:36
8	J1009-03		1	2.54	100	7.88	1.96	0.033	0.033	0.000	0.000	01/26/2018	12:37
9	J1009-05		1	2.55	100	7.91	2.31	0.026	0.027	0.001	0.002	01/26/2018	12:37
10	J1009-07		1	2.51	100	7.32	1.54	0.035	0.035	0.000	0.000	01/26/2018	12:38
11	J1009-09		1	2.52	100	7.54	2.14	0.024	0.024	0.000	0.000	01/26/2018	12:38
12	J1009-11		1	2.50	100	7.67	2.39	0.017	0.017	0.000	0.000	01/26/2018	12:39
13	J1009-11DUP		1	2.53	100	7.55	1.84	0.015	0.015	0.000	0.000	01/26/2018	12:39
14	J1009-11MSPre	40	2	2.52	100	7.28	1.79	0.017	0.365	0.348	0.455	01/26/2018	12:40
15	CCV2	0.5	1	100	100		2.25	0.000	0.386	0.386	0.505	01/26/2018	12:40
16	CCB2		1	100	100		2.19	0.000	0.000	0.000	0.000	01/26/2018	12:41
17	J1009-11MS2Ins	1284	40	2.53	100	7.66	1.74	0.014	0.610	0.596	0.779	01/26/2018	12:41
18	J1009-11MS3Post	40	2	2.51	100	7.90	2.46	0.018	0.369	0.351	0.459	01/26/2018	12:42
19	J1009-13		1	2.50	100	7.84	1.70	0.024	0.024	0.000	0.000	01/26/2018	12:42
20	J1010-08		1	2.54	100	7.10	2.34	0.013	0.013	0.000	0.000	01/26/2018	12:43
21	J1018-10		1	2.55	100	7.14	2.17	0.004	0.004	0.000	0.000	01/26/2018	12:43
22	J1023-05		1	2.53	100	7.26	2.07	0.007	0.007	0.000	0.000	01/26/2018	12:44
23	J1322-01		1	2.52	100	7.43	1.88	0.019	0.019	0.000	0.000	01/26/2018	12:44
24	J1325-01		1	2.51	100	7.51	1.71	0.028	0.028	0.000	0.000	01/26/2018	12:45
25	J1325-04		1	2.54	100	7.25	2.06	0.014	0.014	0.000	0.000	01/26/2018	12:45
26	J1325-07		1	2.52	100	7.46	2.42	0.041	0.041	0.000	0.000	01/26/2018	12:46
27	CCV3	0.5	1	100	100		2.25	0.000	0.386	0.386	0.505	01/26/2018	12:46
28	CCB3		1	100	100		1.63	0.000	0.000	0.000	0.000	01/26/2018	12:47
29	J1325-10		1	2.51	100	7.30	1.80	0.018	0.018	0.000	0.000	01/26/2018	12:47
30	CCV4	0.5	1	100	100		2.05	0.000	0.387	0.387	0.506	01/26/2018	12:48
31	CCB4		1	100	100		2.37	0.000	0.000	0.000	0.000	01/26/2018	12:48