

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94060

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62921
Calibration Std. hexchrome 0.05 ppm	WP62920
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62923
Calibratation STD Hexa Chrome 0.5 PPM	WP62922
calibration std. hexchrome 0.01 ppm	WP62918
calibration std. hexchrome 0 ppm	WP62917
Hexavalent Chromium ICV Std.	WP62924
Hexavalent Chromium CCV Std	WP62925
hexavalent chromium color reagent	WP62892
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62919

Intercept: 0.0004

Slope: 0.7716

Regression: 0.999973

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	03/22/2018	12:30
2	CAL2	0.01	1	100	100		1.91	0.000	0.008	0.008	03/22/2018	12:30
3	CAL3	0.025	1	100	100		1.63	0.000	0.017	0.017	03/22/2018	12:31
4	CAL4	0.05	1	100	100		2.46	0.000	0.039	0.039	03/22/2018	12:31
5	CAL5	0.1	1	100	100		2.30	0.000	0.079	0.079	03/22/2018	12:32
6	CAL6	0.5	1	100	100		1.18	0.000	0.390	0.390	03/22/2018	12:32
7	CAL7	1	1	100	100		2.34	0.000	0.770	0.770	03/22/2018	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		1.68	0.000	0.392	0.392	0.508	03/22/2018	12:33
2	ICB		1	100	100		1.70	0.000	0.000	0.000	-0.001	03/22/2018	12:34
3	CCV1	0.5	1	100	100		2.33	0.000	0.391	0.391	0.506	03/22/2018	12:34
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	-0.001	03/22/2018	12:35
5	PB107560BL		1	2.52	100	7.55	2.03	0.000	0.000	0.000	-0.001	03/22/2018	12:35
6	PB107560BS	20	1	2.55	100	7.10	1.76	0.000	0.349	0.349	0.452	03/22/2018	12:36
7	J1756-07		1	2.50	100	7.63	1.82	0.004	0.004	0.000	-0.001	03/22/2018	12:36
8	J1756-07DUP		1	5.51	100	7.81	2.15	0.005	0.005	0.000	-0.001	03/22/2018	12:37
9	J1756-07MSPre	40	2	2.53	100	7.16	1.63	0.007	0.214	0.207	0.268	03/22/2018	12:37
10	J1756-07MS2Ins	1284	40	2.50	100	7.02	1.57	0.006	0.604	0.598	0.774	03/22/2018	12:38
11	J1756-07MS3Post	40	2	2.51	100	7.13	2.37	0.010	0.313	0.303	0.392	03/22/2018	12:38
12	J1756-09		1	2.54	100	7.34	2.08	0.020	0.020	0.000	-0.001	03/22/2018	12:39
13	J1991-01		1	2.51	100	7.50	2.00	0.006	0.007	0.001	0.001	03/22/2018	12:39
14	J1991-02		1	2.55	100	7.77	1.83	0.002	0.008	0.006	0.007	03/22/2018	12:40
15	CCV2	0.5	1	100	100		2.22	0.000	0.392	0.392	0.508	03/22/2018	12:40
16	CCB2		1	100	100		1.69	0.000	0.000	0.000	-0.001	03/22/2018	12:41
17	J1993-01		1	2.50	100	7.80	2.45	0.013	0.013	0.000	-0.001	03/22/2018	12:41
18	J1995-01		1	2.52	100	7.39	1.76	0.002	0.012	0.010	0.012	03/22/2018	12:42
19	J1995-05		1	2.53	100	7.40	2.33	0.015	0.015	0.000	-0.001	03/22/2018	12:42
20	J1997-01		1	2.54	100	7.91	2.45	0.003	0.019	0.016	0.020	03/22/2018	12:43
21	J1997-09		1	2.55	100	7.15	2.27	0.025	0.025	0.000	-0.001	03/22/2018	12:43
22	J1997-17		1	2.50	100	7.21	1.88	0.003	0.022	0.019	0.024	03/22/2018	12:44
23	J1997-25		1	2.52	100	7.46	1.54	0.019	0.068	0.049	0.063	03/22/2018	12:44
24	J1997-33		1	2.51	100	7.28	1.61	0.013	0.027	0.014	0.018	03/22/2018	12:45
25	J2002-01		1	2.54	100	7.60	1.79	0.086	0.086	0.000	-0.001	03/22/2018	12:45
26	CCV3	0.5	1	100	100		2.09	0.000	0.392	0.392	0.508	03/22/2018	12:46
27	CCB3		1	100	100		2.32	0.000	0.000	0.000	-0.001	03/22/2018	12:46