

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93280

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61935
Calibration Std. hexchrome 0.05 ppm	WP61934
5N sulfuric acid	WP61786
Calibration STD HexaChrome 1 PPM	WP61937
Calibration STD Hexa Chrome 0.5 PPM	WP61936
calibration std. hexchrome 0.01 ppm	WP61932
calibration std. hexchrome 0 ppm	WP61929
Hexavalent Chromium ICV Std.	WP61938
Hexavalent Chromium CCV Std	WP61939
hexavalent chromium color reagent	WP61940
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP61933

Intercept: 0

Slope: 0.7685

Regression: 0.999981

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		2.40	0.000	0.000	0.000	02/14/2018	14:12
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	02/14/2018	14:12
3	CAL3	0.025	1	100	100		1.65	0.000	0.018	0.018	02/14/2018	14:13
4	CAL4	0.05	1	100	100		2.11	0.000	0.038	0.038	02/14/2018	14:13
5	CAL5	0.1	1	100	100		2.32	0.000	0.079	0.079	02/14/2018	14:14
6	CAL6	0.5	1	100	100		1.71	0.000	0.387	0.387	02/14/2018	14:14
7	CAL7	1	1	100	100		1.86	0.000	0.767	0.767	02/14/2018	14:15

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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		2.08	0.000	0.388	0.388	0.505	02/14/2018	14:15
2	ICB		1	100	100		2.25	0.000	0.000	0.000	0.000	02/14/2018	14:16
3	CCV1	0.5	1	100	100		1.73	0.000	0.389	0.389	0.506	02/14/2018	14:16
4	CCB1		1	100	100		1.69	0.000	0.000	0.000	0.000	02/14/2018	14:17
5	PB106561BL		1	2.51	100	7.19	1.83	0.000	0.000	0.000	0.000	02/14/2018	14:17
6	PB106561BS	20	1	2.52	100	7.27	1.94	0.000	0.384	0.384	0.500	02/14/2018	14:18
7	J1530-45		1	2.50	100	7.90	2.06	0.017	0.017	0.000	0.000	02/14/2018	14:18
8	J1530-46		1	2.51	100	7.81	2.33	0.007	0.007	0.000	0.000	02/14/2018	14:19
9	J1530-47		1	2.50	100	7.42	2.44	0.013	0.019	0.006	0.008	02/14/2018	14:19
10	J1530-47DUP		1	2.55	100	7.10	2.41	0.011	0.018	0.007	0.009	02/14/2018	14:20
11	J1530-47MSPre	40	2	2.53	100	7.34	1.72	0.015	0.369	0.354	0.461	02/14/2018	14:20
12	J1530-47MS2Ins	1284	40	2.50	100	7.05	1.65	0.010	0.608	0.598	0.778	02/14/2018	14:21
13	J1530-47MS3Post	40	2	2.55	100	7.25	2.04	0.018	0.375	0.357	0.465	02/14/2018	14:21
14	J1530-48		1	2.53	100	7.63	2.27	0.015	0.030	0.015	0.020	02/14/2018	14:22
15	CCV2	0.5	1	100	100		2.31	0.000	0.388	0.388	0.505	02/14/2018	14:22
16	CCB2		1	100	100		1.70	0.000	0.000	0.000	0.000	02/14/2018	14:23
17	J1541-01		1	2.54	100	7.10	1.63	0.014	0.014	0.000	0.000	02/14/2018	14:23
18	J1541-05		1	2.51	100	7.71	2.30	0.022	0.022	0.000	0.000	02/14/2018	14:24
19	J1541-09		1	2.52	100	7.05	2.22	0.020	0.020	0.000	0.000	02/14/2018	14:24
20	J1545-01		1	2.55	100	7.33	1.97	0.026	0.026	0.000	0.000	02/14/2018	14:25
21	J1545-08		1	2.51	100	7.31	1.86	0.018	0.018	0.000	0.000	02/14/2018	14:25
22	CCV3	0.5	1	100	100		2.13	0.000	0.389	0.389	0.506	02/14/2018	14:26
23	CCB3		1	100	100		2.19	0.000	0.000	0.000	0.000	02/14/2018	14:26