

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92830

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61218
Calibration Std. hexchrome 0.05 ppm	WP61217
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61220
Calibratation STD Hexa Chrome 0.5 PPM	WP61219
calibration std. hexchrome 0.01 ppm	WP61215
calibration std. hexchrome 0 ppm	WP61228
Hexavalent Chromium ICV Std.	WP61221
Hexavalent Chromium CCV Std	WP61222
hexavalent chromium color reagent	WP61240
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61216

Intercept: 0

Slope: 0.7648

Regression: 0.999984

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		2.10	0.000	0.000	0.000	01/24/2018	14:00
2	CAL2	0.01	1	100	100		1.86	0.000	0.008	0.008	01/24/2018	14:00
3	CAL3	0.025	1	100	100		2.40	0.000	0.016	0.016	01/24/2018	14:01
4	CAL4	0.05	1	100	100		1.93	0.000	0.039	0.039	01/24/2018	14:01
5	CAL5	0.1	1	100	100		1.58	0.000	0.078	0.078	01/24/2018	14:02
6	CAL6	0.5	1	100	100		2.21	0.000	0.384	0.384	01/24/2018	14:02
7	CAL7	1	1	100	100		2.30	0.000	0.764	0.764	01/24/2018	14:03

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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		1.64	0.000	0.385	0.385	0.503	01/24/2018	14:03
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	01/24/2018	14:04
3	CCV1	0.5	1	100	100		1.91	0.000	0.386	0.386	0.505	01/24/2018	15:29
4	CCB1		1	100	100		2.32	0.000	0.000	0.000	0.000	01/24/2018	15:29
5	PB105977BL		1	2.53	100	7.10	1.73	0.000	0.000	0.000	0.000	01/24/2018	15:30
6	PB105977BS	20	1	2.50	100	7.64	1.82	0.000	0.353	0.353	0.462	01/24/2018	15:30
7	J1253-01		1	2.55	100	7.25	2.41	0.036	0.036	0.000	0.000	01/24/2018	15:30
8	J1253-03		1	2.51	100	7.98	2.39	0.041	0.041	0.000	0.000	01/24/2018	15:31
9	J1253-05		1	2.51	100	7.63	2.13	0.022	0.022	0.000	0.000	01/24/2018	15:31
10	J1253-05DUP		1	2.55	100	7.74	1.66	0.021	0.021	0.000	0.000	01/24/2018	15:32
11	J1253-05MSPre	40	2	2.50	100	7.15	1.75	0.026	0.161	0.135	0.177	01/24/2018	15:32
12	J1253-05MS2Ins	1284	40	2.50	100	7.08	1.57	0.019	0.615	0.596	0.779	01/24/2018	15:33
13	J1253-05MS3Post	40	2	2.50	100	7.44	2.03	0.030	0.276	0.246	0.322	01/24/2018	15:33
14	J1253-07		1	2.52	100	7.51	1.99	0.085	0.085	0.000	0.000	01/24/2018	15:36
15	CCV2	0.5	1	100	100		2.28	0.000	0.386	0.386	0.505	01/24/2018	15:36
16	CCB2		1	100	100		1.30	0.000	0.000	0.000	0.000	01/24/2018	15:37
17	J1253-09		1	2.51	100	7.64	1.78	0.030	0.030	0.000	0.000	01/24/2018	15:37
18	J1253-11		1	2.50	100	7.38	1.65	0.027	0.027	0.000	0.000	01/24/2018	15:38
19	J1253-13		1	2.54	100	7.69	2.44	0.033	0.033	0.000	0.000	01/24/2018	15:38
20	J1253-15		1	252	100	7.34	1.86	0.038	0.038	0.000	0.000	01/24/2018	15:39
21	J1253-17		1	2.51	100	7.21	1.77	0.109	0.110	0.001	0.001	01/24/2018	15:39
22	J1253-19		1	2.50	100	7.16	1.96	0.063	0.064	0.001	0.001	01/24/2018	15:40
23	J1281-01		1	2.55	100	7.23	2.12	0.118	0.120	0.002	0.003	01/24/2018	15:40
24	J1286-01		1	2.54	100	7.64	1.69	0.009	0.009	0.000	0.000	01/24/2018	15:41
25	CCV3	0.5	1	100	100		2.22	0.000	0.387	0.387	0.506	01/24/2018	15:41
26	CCB3		1	100	100		1.74	0.000	0.000	0.000	0.000	01/24/2018	15:42