

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90259

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58162
Calibration Std. hexchrome 0.05 ppm	WP58161
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58164
Calibratation STD Hexa Chrome 0.5 PPM	WP58163
calibration std. hexchrome 0.01 ppm	WP58159
calibration std. hexchrome 0 ppm	WP58194
Hexavalent Chromium ICV Std.	WP58165
Hexavalent Chromium CCV Std	WP58166
hexavalent chromium color reagent	WP58042
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58160

Intercept: 0.0003

Slope: 0.7744

Regression: 0.999921

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		1.84	0.000	0.000	0.000	09/22/2017	14:00
2	CAL2	0.01	1	100	100		2.20	0.000	0.007	0.007	09/22/2017	14:00
3	CAL3	0.025	1	100	100		1.54	0.000	0.017	0.017	09/22/2017	14:01
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	09/22/2017	14:01
5	CAL5	0.1	1	100	100		2.02	0.000	0.079	0.079	09/22/2017	14:02
6	CAL6	0.5	1	100	100		2.41	0.000	0.395	0.395	09/22/2017	14:02
7	CAL7	1	1	100	100		1.78	0.000	0.771	0.771	09/22/2017	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		1.65	0.000	0.387	0.387	0.499	09/22/2017	14:03
2	ICB		1	100	100		1.95	0.000	0.000	0.000	0.000	09/22/2017	14:04
3	CCV1	0.5	1	100	100		1.87	0.000	0.389	0.389	0.502	09/22/2017	14:04
4	CCB1		1	100	100		2.26	0.000	0.000	0.000	0.000	09/22/2017	14:05
5	PB102536BL		1	2.50	100	7.20	2.45	0.000	0.000	0.000	0.000	09/22/2017	14:05
6	PB102536BS	20	1	2.52	100	7.44	1.84	0.001	0.341	0.340	0.439	09/22/2017	14:06
7	I5360-01		1	2.54	100	7.85	2.12	0.033	0.034	0.001	0.001	09/22/2017	14:06
8	I5360-03		1	2.50	100	7.98	2.35	0.022	0.023	0.001	0.001	09/22/2017	14:07
9	I5360-05		1	2.54	100	7.12	1.95	0.033	0.033	0.000	0.000	09/22/2017	14:07
10	I5360-07		1	2.52	100	7.35	1.74	0.034	0.034	0.000	0.000	09/22/2017	14:08
11	I5360-09		1	2.54	100	7.45	2.43	0.043	0.044	0.001	0.001	09/22/2017	14:08
12	I5360-09DUP		1	2.53	100	7.65	2.34	0.043	0.043	0.000	0.000	09/22/2017	14:09
13	I5360-09MSPre	40	2	2.51	100	7.41	2.22	0.045	0.052	0.007	0.009	09/22/2017	14:09
14	I5360-09MS2Ins	1284	40	2.54	100	7.24	1.84	0.045	0.613	0.568	0.733	09/22/2017	14:10
15	CCV2	0.5	1	100	100		2.02	0.000	0.389	0.389	0.502	09/22/2017	14:10
16	CCB2		1	100	100		1.65	0.000	0.000	0.000	0.000	09/22/2017	14:11
17	I5360-09MS3Post	40	2	2.55	100	7.68	2.14	0.047	0.053	0.006	0.007	09/22/2017	14:11
18	I5360-11		1	2.52	100	7.96	2.12	0.016	0.017	0.001	0.001	09/22/2017	14:12
19	I5360-13		1	2.55	100	7.65	1.69	0.020	0.021	0.001	0.001	09/22/2017	14:12
20	I5360-15		1	2.54	100	7.72	1.74	0.026	0.027	0.001	0.001	09/22/2017	14:13
21	I5362-01		1	2.50	100	7.35	2.32	0.028	0.028	0.000	0.000	09/22/2017	14:13
22	I5362-03		1	2.50	100	7.44	2.36	0.030	0.031	0.001	0.001	09/22/2017	14:14
23	I5362-05		1	2.53	100	7.57	2.43	0.033	0.034	0.001	0.001	09/22/2017	14:14
24	I5363-01		1	2.55	100	7.61	1.98	0.040	0.041	0.001	0.001	09/22/2017	14:15
25	I5363-03		1	2.50	100	7.84	1.99	0.037	0.037	0.000	0.000	09/22/2017	14:15
26	I5363-05		1	2.51	100	7.88	2.24	0.028	0.029	0.001	0.001	09/22/2017	14:16
27	CCV3	0.5	1	100	100		1.85	0.000	0.390	0.390	0.503	09/22/2017	14:16
28	CCB3		1	100	100		2.33	0.000	0.000	0.000	0.000	09/22/2017	14:17
29	I5363-07		1	2.54	100	7.65	1.87	0.036	0.037	0.001	0.001	09/22/2017	14:17
30	I5363-09		1	2.53	100	7.32	1.72	0.039	0.040	0.001	0.001	09/22/2017	14:18
31	I5363-11		1	2.51	100	7.17	1.91	0.035	0.035	0.000	0.000	09/22/2017	14:18
32	I5363-13		1	2.54	100	7.84	1.58	0.041	0.042	0.001	0.001	09/22/2017	14:19
33	I5363-15		1	2.52	100	7.91	2.40	0.035	0.036	0.001	0.001	09/22/2017	14:19
34	CCV4	0.5	1	100	100		1.60	0.000	0.390	0.390	0.503	09/22/2017	14:20
35	CCB4		1	100	100		1.95	0.000	0.000	0.000	0.000	09/22/2017	14:20