

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90322

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58263
Calibration Std. hexchrome 0.05 ppm	WP58262
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58265
Calibratation STD Hexa Chrome 0.5 PPM	WP58264
calibration std. hexchrome 0.01 ppm	WP58260
calibration std. hexchrome 0 ppm	WP58237
Hexavalent Chromium ICV Std.	WP58266
Hexavalent Chromium CCV Std	WP58267
hexavalent chromium color reagent	WP58234
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58261

Intercept: -0.0003

Slope: 0.7747

Regression: 0.999935

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		2.08	0.000	0.000	0.000	09/26/2017	14:50
2	CAL2	0.01	1	100	100		1.69	0.000	0.006	0.006	09/26/2017	14:50
3	CAL3	0.025	1	100	100		2.44	0.000	0.017	0.017	09/26/2017	14:51
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	09/26/2017	14:51
5	CAL5	0.1	1	100	100		1.57	0.000	0.077	0.077	09/26/2017	14:52
6	CAL6	0.5	1	100	100		2.33	0.000	0.394	0.394	09/26/2017	14:52
7	CAL7	1	1	100	100		1.80	0.000	0.771	0.771	09/26/2017	14:53



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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		2.13	0.000	0.391	0.391	0.505	09/26/2017	14:53
2	ICB		1	100	100		1.63	0.000	0.000	0.000	0.000	09/26/2017	14:54
3	CCV1	0.5	1	100	100		1.77	0.000	0.392	0.392	0.506	09/26/2017	14:54
4	CCB1		1	100	100		2.35	0.000	0.000	0.000	0.000	09/26/2017	14:55
5	PB102624BL		1	2.50	100	7.22	2.47	0.000	0.000	0.000	0.000	09/26/2017	14:55
6	PB102624BS	20	1	2.51	100	7.44	2.08	0.000	0.374	0.374	0.483	09/26/2017	14:56
7	I5421-01		1	2.55	100	7.13	1.86	0.012	0.012	0.000	0.000	09/26/2017	14:56
8	I5423-01		1	2.50	100	7.63	1.54	0.014	0.014	0.000	0.000	09/26/2017	14:57
9	I5423-04		1	2.51	100	7.25	2.04	0.016	0.016	0.000	0.000	09/26/2017	14:57
10	I5423-04DUP		1	2.53	100	7.90	2.22	0.017	0.017	0.000	0.000	09/26/2017	14:58
11	I5423-04MSPre	40	2	2.54	100	7.12	2.41	0.017	0.365	0.348	0.450	09/26/2017	14:58
12	I5423-04MS2Ins	1284	40	2.53	100	7.36	1.90	0.015	0.624	0.609	0.786	09/26/2017	14:59
13	I5423-04MS3Post	40	2	2.51	100	7.55	1.78	0.018	0.369	0.351	0.453	09/26/2017	14:59
14	I5428-01		1	2.54	100	7.64	2.23	0.048	0.048	0.000	0.000	09/26/2017	15:00
15	CCV2	0.5	1	100	100		1.88	0.000	0.392	0.392	0.506	09/26/2017	15:00
16	CCB2		1	100	100		2.16	0.000	0.000	0.000	0.000	09/26/2017	15:01
17	I5434-12		1	2.52	100	7.80	1.72	0.023	0.023	0.000	0.000	09/26/2017	15:01
18	I5434-13		1	2.50	100	7.36	2.43	0.026	0.026	0.000	0.000	09/26/2017	15:02
19	I5434-14		1	2.51	100	7.17	2.09	0.029	0.029	0.000	0.000	09/26/2017	15:02
20	I5434-15		1	2.52	100	7.08	1.33	0.031	0.031	0.000	0.000	09/26/2017	15:03
21	I5436-01		1	2.50	100	7.22	2.02	0.015	0.015	0.000	0.000	09/26/2017	15:03
22	CCV3	0.5	1	100	100		1.77	0.000	0.393	0.393	0.508	09/26/2017	15:04
23	CCB3		1	100	100		1.95	0.000	0.000	0.000	0.000	09/26/2017	15:04