

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91915

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60062
Calibration Std. hexchrome 0.05 ppm	WP60061
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60064
Calibratation STD Hexa Chrome 0.5 PPM	WP60063
calibration std. hexchrome 0.01 ppm	WP60059
calibration std. hexchrome 0 ppm	WP60058
Hexavalent Chromium ICV Std.	WP60065
Hexavalent Chromium CCV Std	WP60066
hexavalent chromium color reagent	WP60013
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60060

Intercept: 0.0005

Slope: 0.7754

Regression: 0.99995

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		2.25	0.000	0.000	0.000	12/04/2017	15:05
2	CAL2	0.01	1	100	100		2.33	0.000	0.008	0.008	12/04/2017	15:05
3	CAL3	0.025	1	100	100		2.44	0.000	0.017	0.017	12/04/2017	15:06
4	CAL4	0.05	1	100	100		2.43	0.000	0.039	0.039	12/04/2017	15:06
5	CAL5	0.1	1	100	100		1.61	0.000	0.079	0.079	12/04/2017	15:07
6	CAL6	0.5	1	100	100		1.77	0.000	0.394	0.394	12/04/2017	15:07
7	CAL7	1	1	100	100		1.84	0.000	0.773	0.773	12/04/2017	15:08



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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		1.95	0.000	0.390	0.390	0.502	12/04/2017	15:08
2	ICB		1	100	100		1.78	0.000	0.000	0.000	-0.001	12/04/2017	15:09
3	CCV1	0.5	1	100	100		2.13	0.000	0.391	0.391	0.504	12/04/2017	15:09
4	CCB1		1	100	100		2.32	0.000	0.000	0.000	-0.001	12/04/2017	15:10
5	PB104697BL		1	2.52	100	7.20	1.57	0.000	0.000	0.000	-0.001	12/04/2017	15:10
6	PB104697BS	20	1	2.53	100	7.31	1.74	0.000	0.346	0.346	0.446	12/04/2017	15:11
7	I6308-01		1	2.55	100	7.60	2.39	0.020	0.020	0.000	-0.001	12/04/2017	15:11
8	I6308-01DUP		1	2.50	100	7.06	1.64	0.019	0.019	0.000	-0.001	12/04/2017	15:12
9	I6308-01MSPre	40	2	2.51	100	7.33	2.13	0.020	0.201	0.181	0.233	12/04/2017	15:12
10	I6308-01MS2Ins	1284	40	2.54	100	7.22	1.76	0.017	0.594	0.577	0.743	12/04/2017	15:13
11	I6308-01MS3Post	40	2	2.52	100	7.69	1.91	0.021	0.272	0.251	0.323	12/04/2017	15:13
12	I6699-01		1	2.54	100	7.55	2.08	0.017	0.017	0.000	-0.001	12/04/2017	15:14
13	I6702-01		1	2.52	100	7.40	2.20	0.015	0.015	0.000	-0.001	12/04/2017	15:14
14	I6702-02		1	2.50	100	7.69	1.73	0.017	0.017	0.000	-0.001	12/04/2017	15:15
15	CCV2	0.5	1	100	100		1.54	0.000	0.391	0.391	0.504	12/04/2017	15:15
16	CCB2		1	100	100		2.17	0.000	0.000	0.000	-0.001	12/04/2017	15:16
17	I6702-03		1	2.53	100	7.80	2.29	0.012	0.012	0.000	-0.001	12/04/2017	15:16
18	I6702-04		1	2.55	100	7.94	1.63	0.037	0.037	0.000	-0.001	12/04/2017	15:17
19	I6702-05		1	2.51	100	7.33	2.05	0.018	0.018	0.000	-0.001	12/04/2017	15:17
20	I6702-06		1	2.52	100	7.41	1.89	0.013	0.013	0.000	-0.001	12/04/2017	15:18
21	I6702-07		1	2.53	100	7.55	2.36	0.021	0.021	0.000	-0.001	12/04/2017	15:18
22	I6702-08		1	2.54	100	7.36	1.69	0.036	0.036	0.000	-0.001	12/04/2017	15:19
23	I6702-09		1	2.55	100	7.40	2.21	0.019	0.019	0.000	-0.001	12/04/2017	15:19
24	I6702-10		1	2.51	100	7.50	1.77	0.024	0.024	0.000	-0.001	12/04/2017	15:20
25	I6702-11		1	2.50	100	7.47	1.85	0.011	0.011	0.000	-0.001	12/04/2017	15:20
26	I6702-12		1	2.55	100	7.63	2.14	0.022	0.022	0.000	-0.001	12/04/2017	15:21
27	CCV3	0.5	1	100	100		2.33	0.000	0.392	0.392	0.505	12/04/2017	15:21
28	CCB3		1	100	100		1.80	0.000	0.000	0.000	-0.001	12/04/2017	15:22
29	I6705-02		1	2.55	100	7.88	2.07	0.059	0.059	0.000	-0.001	12/04/2017	15:22
30	CCV4	0.5	1	100	100		2.17	0.000	0.392	0.392	0.505	12/04/2017	15:23
31	CCB4		1	100	100		2.41	0.000	0.000	0.000	-0.001	12/04/2017	15:23