



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88598

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56237
Calibration Std. hexchrome 0.05 ppm	WP56236
Hexavalent Chromium LCS Std	WP56243
Calibratation STD HexaChrome 1 PPM	WP56240
Calibratation STD Hexa Chrome 0.5 PPM	WP56239
calibration std. hexchrome 0.01 ppm	WP56234
calibration std. hexchrome 0 ppm	WP56231
Hexavalent Chromium ICV Std.	WP56241
Hexavalent Chromium CCV Std	WP56242
hexavalent chromium color reagent	WP56155
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56235

Intercept: 0.0004

Slope: 0.7786

Regression: 0.999949

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		2.15	0.000	0.000	0.000	07/07/2017	15:01
2	CAL2	0.01	1	100	100		1.94	0.000	0.008	0.008	07/07/2017	15:01
3	CAL3	0.025	1	100	100		2.35	0.000	0.018	0.018	07/07/2017	15:02
4	CAL4	0.05	1	100	100		2.46	0.000	0.039	0.039	07/07/2017	15:02
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	07/07/2017	15:03
6	CAL6	0.5	1	100	100		1.59	0.000	0.396	0.396	07/07/2017	15:03
7	CAL7	1	1	100	100		2.41	0.000	0.776	0.776	07/07/2017	15:04



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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	0.392	0.392	0.503	07/07/2017	15:04
2	ICB		1	100	100		1.77	0.000	0.000	0.000	-0.001	07/07/2017	15:05
3	CCV1	0.5	1	100	100		2.31	0.000	0.393	0.393	0.504	07/07/2017	15:05
4	CCB1		1	100	100		2.22	0.000	0.000	0.000	-0.001	07/07/2017	15:06
5	PB100500BL		1	2.52	100	7.65	1.56	0.000	0.000	0.000	-0.001	07/07/2017	15:06
6	PB100500BS	20	1	2.54	100	7.32	1.88	0.000	0.396	0.396	0.508	07/07/2017	15:07
7	I4070-01		1	2.50	100	7.56	2.43	0.031	0.031	0.000	-0.001	07/07/2017	15:07
8	I4070-04		1	2.53	100	7.25	2.36	0.080	0.081	0.001	0.001	07/07/2017	15:08
9	I4070-07		1	2.54	100	7.30	2.28	0.029	0.029	0.000	-0.001	07/07/2017	15:08
10	I4070-10		1	2.50	100	7.20	1.76	0.015	0.015	0.000	-0.001	07/07/2017	15:09
11	I4070-13		1	2.55	100	7.25	2.35	0.027	0.028	0.001	0.001	07/07/2017	15:09
12	I4072-01		1	2.51	100	7.78	2.29	0.037	0.037	0.000	-0.001	07/07/2017	15:10
13	I4072-04		1	2.50	100	7.10	1.72	0.016	0.016	0.000	-0.001	07/07/2017	15:10
14	I4075-01		1	2.52	100	7.24	1.93	0.008	0.008	0.000	-0.001	07/07/2017	15:11
15	CCV2	0.5	1	100	100		2.48	0.000	0.393	0.393	0.504	07/07/2017	15:11
16	CCB2		1	100	100		2.25	0.000	0.000	0.000	-0.001	07/07/2017	15:12
17	I4075-06		1	2.54	100	7.69	2.31	0.011	0.011	0.000	-0.001	07/07/2017	15:12
18	I4078-01		1	2.55	100	7.91	2.10	0.017	0.017	0.000	-0.001	07/07/2017	15:13
19	I4078-05		1	2.53	100	7.44	1.70	0.019	0.019	0.000	-0.001	07/07/2017	15:13
20	I4084-01		1	2.50	100	7.30	1.93	0.017	0.017	0.000	-0.001	07/07/2017	15:14
21	I4084-06		1	2.53	100	7.14	2.04	0.021	0.021	0.000	-0.001	07/07/2017	15:14
22	I4092-01		1	2.52	100	7.36	2.00	0.013	0.014	0.001	0.001	07/07/2017	15:15
23	I4095-01		1	2.50	100	7.88	1.62	0.018	0.018	0.000	-0.001	07/07/2017	15:15
24	I4095-01DUP		1	2.55	100	7.05	1.90	0.017	0.017	0.000	-0.001	07/07/2017	15:16
25	I4095-01MSPre	40	2	2.51	100	7.56	2.21	0.018	0.371	0.353	0.453	07/07/2017	15:16
26	I4095-01MS2Ins	1284	40	2.53	100	7.35	1.90	0.019	0.343	0.324	0.416	07/07/2017	15:17
27	CCV3	0.5	1	100	100		2.29	0.000	0.394	0.394	0.506	07/07/2017	15:17
28	CCB3		1	100	100		2.44	0.000	0.000	0.000	-0.001	07/07/2017	15:18
29	I4095-01MS3Post	40	2	2.50	100	7.21	1.80	0.019	0.380	0.361	0.463	07/07/2017	15:18
30	CCV4	0.5	1	100	100		2.40	0.000	0.394	0.394	0.506	07/07/2017	15:19
31	CCB4		1	100	100		2.07	0.000	0.000	0.000	-0.001	07/07/2017	15:19