

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88682

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56390
Calibration Std. hexchrome 0.05 ppm	WP56389
Hexavalent Chromium LCS Std	WP56395
Calibratation STD HexaChrome 1 PPM	WP56392
Calibratation STD Hexa Chrome 0.5 PPM	WP56391
calibration std. hexchrome 0.01 ppm	WP56387
calibration std. hexchrome 0 ppm	WP56386
Hexavalent Chromium ICV Std.	WP56393
Hexavalent Chromium CCV Std	WP56394
hexavalent chromium color reagent	WP56385
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56388

Intercept: 0.0004

Slope: 0.7795

Regression: 0.999953

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	07/13/2017	12:20
2	CAL2	0.01	1	100	100		1.80	0.000	0.008	0.008	07/13/2017	12:20
3	CAL3	0.025	1	100	100		2.46	0.000	0.018	0.018	07/13/2017	12:21
4	CAL4	0.05	1	100	100		1.74	0.000	0.038	0.038	07/13/2017	12:21
5	CAL5	0.1	1	100	100		2.33	0.000	0.079	0.079	07/13/2017	12:22
6	CAL6	0.5	1	100	100		2.47	0.000	0.396	0.396	07/13/2017	12:22
7	CAL7	1	1	100	100		1.98	0.000	0.777	0.777	07/13/2017	12:23



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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		2.15	0.000	0.390	0.390	0.500	07/13/2017	12:23
2	ICB		1	100	100		2.34	0.000	0.000	0.000	-0.001	07/13/2017	12:24
3	CCV1	0.5	1	100	100		1.76	0.000	0.391	0.391	0.501	07/13/2017	12:24
4	CCB1		1	100	100		1.55	0.000	0.000	0.000	-0.001	07/13/2017	12:25
5	PB100614BL		1	2.51	100	7.85	1.69	0.000	0.000	0.000	-0.001	07/13/2017	12:25
6	PB100614BS	20	1	2.55	100	7.13	2.44	0.000	0.395	0.395	0.506	07/13/2017	12:26
7	I4144-01		1	2.53	100	7.20	2.30	0.080	0.080	0.000	-0.001	07/13/2017	12:26
8	I4144-02		1	2.55	100	7.41	2.28	0.087	0.088	0.001	0.001	07/13/2017	12:27
9	I4144-03		1	2.50	100	7.13	2.16	0.095	0.095	0.000	-0.001	07/13/2017	12:27
10	I4145-01		1	2.51	100	7.10	1.70	0.009	0.009	0.000	-0.001	07/13/2017	12:28
11	I4146-01		1	2.54	100	7.81	1.61	0.009	0.020	0.011	0.014	07/13/2017	12:28
12	I4146-01DUP		1	2.50	100	7.33	2.05	0.010	0.021	0.011	0.014	07/13/2017	12:29
13	I4146-01MSPre	40	2	2.53	100	7.16	1.95	0.013	0.362	0.349	0.447	07/13/2017	12:29
14	I4146-01MS2Ins	1284	40	2.54	100	7.09	2.36	0.015	0.627	0.612	0.785	07/13/2017	12:30
15	CCV2	0.5	1	100	100		2.26	0.000	0.391	0.391	0.501	07/13/2017	12:30
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	-0.001	07/13/2017	12:31
17	I4146-01MS3Post	40	2	2.52	100	7.55	1.85	0.015	0.381	0.366	0.469	07/13/2017	12:31
18	I4146-03		1	2.53	100	7.48	1.79	0.010	0.017	0.007	0.008	07/13/2017	12:32
19	I4146-05		1	2.52	100	7.36	2.40	0.008	0.015	0.007	0.008	07/13/2017	12:32
20	I4147-01		1	2.50	100	7.61	2.36	0.028	0.028	0.000	-0.001	07/13/2017	12:33
21	I4148-01		1	2.54	100	7.49	1.71	0.009	0.009	0.000	-0.001	07/13/2017	12:33
22	I4149-01		1	2.52	100	7.50	1.73	0.020	0.020	0.000	-0.001	07/13/2017	12:34
23	I4164-01		1	2.54	100	7.37	2.46	0.010	0.010	0.000	-0.001	07/13/2017	12:34
24	I4166-01		1	2.55	100	7.64	2.30	0.122	0.123	0.001	0.001	07/13/2017	12:35
25	I4166-07		1	2.50	100	7.55	2.27	0.098	0.098	0.000	-0.001	07/13/2017	12:35
26	CCV3	0.5	1	100	100		2.14	0.000	0.392	0.392	0.502	07/13/2017	12:36
27	CCB3		1	100	100		1.96	0.000	0.000	0.000	-0.001	07/13/2017	12:36