

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88748

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56463
Calibration Std. hexchrome 0.05 ppm	WP56462
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56465
Calibratation STD Hexa Chrome 0.5 PPM	WP56464
calibration std. hexchrome 0.01 ppm	WP56460
calibration std. hexchrome 0 ppm	WP56469
Hexavalent Chromium ICV Std.	WP56466
Hexavalent Chromium CCV Std	WP56467
hexavalent chromium color reagent	WP56385
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56461

Intercept: 0.0005

Slope: 0.779

Regression: 0.999932

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		2.48	0.000	0.000	0.000	07/17/2017	15:30
2	CAL2	0.01	1	100	100		2.14	0.000	0.008	0.008	07/17/2017	15:30
3	CAL3	0.025	1	100	100		1.60	0.000	0.017	0.017	07/17/2017	15:31
4	CAL4	0.05	1	100	100		1.99	0.000	0.039	0.039	07/17/2017	15:31
5	CAL5	0.1	1	100	100		2.40	0.000	0.079	0.079	07/17/2017	15:32
6	CAL6	0.5	1	100	100		2.36	0.000	0.397	0.397	07/17/2017	15:32
7	CAL7	1	1	100	100		1.69	0.000	0.776	0.776	07/17/2017	15:33



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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		2.10	0.000	0.389	0.389	0.499	07/17/2017	15:33
2	ICB		1	100	100		1.59	0.000	0.000	0.000	-0.001	07/17/2017	15:34
3	CCV1	0.5	1	100	100		2.26	0.000	0.391	0.391	0.501	07/17/2017	15:34
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	-0.001	07/17/2017	15:35
5	PB100694BL		1	2.51	100	7.20	2.07	0.000	0.000	0.000	-0.001	07/17/2017	15:35
6	PB100694BS	20	1	2.50	100	7.14	1.77	0.000	0.378	0.378	0.485	07/17/2017	15:36
7	I4176-01		1	2.51	100	7.36	1.83	0.016	0.016	0.000	-0.001	07/17/2017	15:36
8	I4176-06		1	2.52	100	7.20	2.45	0.009	0.009	0.000	-0.001	07/17/2017	15:37
9	I4185-01		1	2.54	100	7.82	1.89	0.002	0.002	0.000	-0.001	07/17/2017	15:37
10	I4188-02		1	2.55	100	7.45	1.52	0.023	0.024	0.001	0.001	07/17/2017	15:38
11	I4193-01		1	2.50	100	7.90	2.35	0.032	0.032	0.000	-0.001	07/17/2017	15:38
12	I4196-01		1	2.50	100	7.33	2.22	0.011	0.011	0.000	-0.001	07/17/2017	15:39
13	I4196-01DUP		1	2.53	100	7.41	2.11	0.010	0.010	0.000	-0.001	07/17/2017	15:39
14	I4196-01MSPre	40	2	2.54	100	7.63	1.70	0.012	0.355	0.343	0.440	07/17/2017	15:40
15	CCV2	0.5	1	100	100		1.58	0.000	0.391	0.391	0.501	07/17/2017	15:40
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	-0.001	07/17/2017	15:41
17	I4196-01MS2Ins	1284	40	2.52	100	7.20	2.33	0.013	0.644	0.631	0.809	07/17/2017	15:41
18	I4196-01MS3Post	40	2	2.55	100	7.18	2.41	0.013	0.378	0.365	0.468	07/17/2017	15:42
19	I4201-01		1	2.53	100	7.66	2.36	0.010	0.010	0.000	-0.001	07/17/2017	15:42
20	I4216-01		1	2.52	100	7.40	1.80	0.009	0.009	0.000	-0.001	07/17/2017	15:43
21	I4216-07		1	2.51	100	7.54	1.59	0.031	0.032	0.001	0.001	07/17/2017	15:43
22	I4217-01		1	2.55	100	7.10	1.63	0.008	0.008	0.000	-0.001	07/17/2017	15:44
23	I4223-01		1	2.54	100	7.31	2.44	0.009	0.009	0.000	-0.001	07/17/2017	15:44
24	I4223-04		1	2.50	100	7.39	2.34	0.004	0.004	0.000	-0.001	07/17/2017	15:45
25	I4223-07		1	2.52	100	7.20	1.70	0.006	0.006	0.000	-0.001	07/17/2017	15:45
26	I4223-10		1	2.51	100	7.61	1.78	0.007	0.007	0.000	-0.001	07/17/2017	15:46
27	CCV3	0.5	1	100	100		2.21	0.000	0.392	0.392	0.503	07/17/2017	15:46
28	CCB3		1	100	100		2.37	0.000	0.000	0.000	-0.001	07/17/2017	15:47