

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89813

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57596
Calibration Std. hexchrome 0.05 ppm	WP57595
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57598
Calibratation STD Hexa Chrome 0.5 PPM	WP57597
calibration std. hexchrome 0.01 ppm	WP57593
calibration std. hexchrome 0 ppm	WP57592
Hexavalent Chromium ICV Std.	WP57599
Hexavalent Chromium CCV Std	WP57600
hexavalent chromium color reagent	WP57539
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57594

Intercept: 0.0003

Slope: 0.7792

Regression: 0.999933

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		2.16	0.000	0.000	0.000	08/31/2017	15:20
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	08/31/2017	15:20
3	CAL3	0.025	1	100	100		1.63	0.000	0.018	0.018	08/31/2017	15:21
4	CAL4	0.05	1	100	100		2.45	0.000	0.038	0.038	08/31/2017	15:21
5	CAL5	0.1	1	100	100		1.74	0.000	0.079	0.079	08/31/2017	15:22
6	CAL6	0.5	1	100	100		2.33	0.000	0.397	0.397	08/31/2017	15:22
7	CAL7	1	1	100	100		1.90	0.000	0.776	0.776	08/31/2017	15:23



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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		1.80	0.000	0.391	0.391	0.501	08/31/2017	15:23
2	ICB		1	100	100		2.14	0.000	0.000	0.000	0.000	08/31/2017	15:24
3	CCV1	0.5	1	100	100		2.20	0.000	0.393	0.393	0.504	08/31/2017	15:24
4	CCB1		1	100	100		1.71	0.000	0.000	0.000	0.000	08/31/2017	15:25
5	PB101982BL		1	2.55	100	7.21	1.58	0.000	0.000	0.000	0.000	08/31/2017	15:25
6	PB101982BS	20	1	2.51	100	7.60	2.46	0.000	0.386	0.386	0.495	08/31/2017	15:26
7	I5036-01		1	2.53	100	7.86	1.73	0.018	0.018	0.000	0.000	08/31/2017	15:26
8	I5049-01		1	2.52	100	7.22	2.06	0.139	0.139	0.000	0.000	08/31/2017	15:27
9	I5050-01		1	2.51	100	7.14	1.68	0.050	0.050	0.000	0.000	08/31/2017	15:27
10	I5051-01		1	2.50	100	7.29	2.10	0.012	0.015	0.003	0.003	08/31/2017	15:28
11	I5055-01		1	2.53	100	7.74	2.41	0.029	0.029	0.000	0.000	08/31/2017	15:28
12	I5055-01DUP		1	2.54	100	7.91	1.88	0.030	0.030	0.000	0.000	08/31/2017	15:29
13	I5055-01MSPre	40	2	2.50	100	7.58	1.95	0.033	0.375	0.342	0.439	08/31/2017	15:29
14	I5055-01MS2Ins	1284	40	2.52	100	7.08	2.34	0.031	0.650	0.619	0.794	08/31/2017	15:30
15	CCV2	0.5	1	100	100		2.41	0.000	0.393	0.393	0.504	08/31/2017	15:30
16	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	08/31/2017	15:31
17	I5055-01MS3Post	40	2	2.55	100	7.19	2.37	0.035	0.378	0.343	0.440	08/31/2017	15:31
18	CCV3	0.5	1	100	100		2.29	0.000	0.394	0.394	0.505	08/31/2017	15:32
19	CCB3		1	100	100		1.66	0.000	0.000	0.000	0.000	08/31/2017	15:32