

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89460

pH Meter ID: WC pH meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57246
Calibration Std. hexchrome 0.05 ppm	WP57245
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57248
Calibratation STD Hexa Chrome 0.5 PPM	WP57247
calibration std. hexchrome 0.01 ppm	WP57243
calibration std. hexchrome 0 ppm	WP57242
Hexavalent Chromium ICV Std.	WP57249
Hexavalent Chromium CCV Std	WP57250
hexavalent chromium color reagent	WP57168
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57244

Intercept: -0.0001

Slope: 0.7789

Regression: 0.99992

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		2.10	0.000	0.000	0.000	08/15/2017	11:50
2	CAL2	0.01	1	100	100		2.41	0.000	0.006	0.006	08/15/2017	11:50
3	CAL3	0.025	1	100	100		1.87	0.000	0.017	0.017	08/15/2017	11:51
4	CAL4	0.05	1	100	100		1.59	0.000	0.038	0.038	08/15/2017	11:51
5	CAL5	0.1	1	100	100		2.04	0.000	0.079	0.079	08/15/2017	11:52
6	CAL6	0.5	1	100	100		1.66	0.000	0.397	0.397	08/15/2017	11:52
7	CAL7	1	1	100	100		2.25	0.000	0.775	0.775	08/15/2017	11:53

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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		1.59	0.000	0.390	0.390	0.501	08/15/2017	11:53
2	ICB		1	100	100		1.73	0.000	0.000	0.000	0.000	08/15/2017	11:54
3	CCV1	0.5	1	100	100		2.13	0.000	0.393	0.393	0.505	08/15/2017	11:54
4	CCB1		1	100	100		2.37	0.000	0.000	0.000	0.000	08/15/2017	11:55
5	PB101514BL		1	2.55	100	7.25	1.62	0.000	0.000	0.000	0.000	08/15/2017	11:55
6	PB101514BS	20	1	2.50	100	7.36	1.90	0.000	0.383	0.383	0.492	08/15/2017	11:56
7	I4750-02		1	2.51	100	7.10	2.10	0.010	0.010	0.000	0.000	08/15/2017	11:56
8	I4753-01		1	2.53	100	7.94	2.17	0.007	0.007	0.000	0.000	08/15/2017	11:57
9	I4754-01		1	2.50	100	7.63	1.70	0.071	0.071	0.000	0.000	08/15/2017	11:57
10	I4754-01DUP		1	2.52	100	7.20	1.58	0.072	0.072	0.000	0.000	08/15/2017	11:58
11	I4754-01MSPre	40	2	2.54	100	7.31	2.05	0.000	0.370	0.370	0.475	08/15/2017	11:58
12	I4754-01MS2Ins	1284	40	2.52	100	7.21	2.33	0.059	0.660	0.601	0.772	08/15/2017	11:59
13	I4754-01MS3Post	40	2	2.55	100	7.40	2.45	0.000	0.378	0.378	0.485	08/15/2017	11:59
14	I4754-03		1	2.55	100	7.62	2.39	0.031	0.032	0.001	0.001	08/15/2017	12:00
15	CCV2	0.5	1	100	100		1.63	0.000	0.393	0.393	0.505	08/15/2017	12:00
16	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	08/15/2017	12:01
17	I4755-01		1	2.51	100	7.82	2.04	0.041	0.041	0.000	0.000	08/15/2017	12:01
18	I4755-04		1	2.50	100	7.64	1.81	0.032	0.032	0.000	0.000	08/15/2017	12:02
19	I4758-01		1	2.52	100	7.30	2.12	0.020	0.020	0.000	0.000	08/15/2017	12:02
20	I4760-02		1	2.53	100	7.10	1.62	0.018	0.018	0.000	0.000	08/15/2017	12:03
21	CCV3	0.5	1	100	100		2.21	0.000	0.394	0.394	0.506	08/15/2017	12:03
22	CCB3		1	100	100		2.45	0.000	0.000	0.000	0.000	08/15/2017	12:04