CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB91392

ANALYST: Indiana
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59404
Calibration Std. hexchrome 0.05 ppm	WP59403
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59405
Calibratation STD Hexa Chrome 0.5 PPM	WP59431
calibration std. hexchrome 0.01 ppm	WP59401
calibration std. hexchrome 0 ppm	WP59400
Hexavalent Chromium ICV Std.	WP59406
Hexavalent Chromium CCV Std	WP59407
hexavalent chromium color reagent	WP59409
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59402

Intercept: 0.0001 **Slope:** 0.7699 **Regression:** 0.999994

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		2.01	0.000	0.000	0.000	11/06/2017	14:00
2	CAL2	0.01	1	100	100		2.35	0.000	0.008	0.008	11/06/2017	14:00
3	CAL3	0.025	1	100	100		1.89	0.000	0.020	0.020	11/06/2017	14:01
4	CAL4	0.05	1	100	100		2.20	0.000	0.039	0.039	11/06/2017	14:01
5	CAL5	0.1	1	100	100		1.88	0.000	0.077	0.077	11/06/2017	14:02
6	CAL6	0.5	1	100	100		1.54	0.000	0.383	0.383	11/06/2017	14:02
7	CAL7	1	1	100	100		2.41	0.000	0.771	0.771	11/06/2017	14:03

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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	0.383	0.383	0.497	11/06/2017	14:03
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	11/06/2017	14:04
3	CCV1	0.5	1	100	100		1.62	0.000	0.392	0.392	0.509	11/06/2017	14:04
4	CCB1		1	100	100		2.40	0.000	0.000	0.000	0.000	11/06/2017	14:05
5	PB104031BL		1	2.51	100	7.18	2.31	0.000	0.000	0.000	0.000	11/06/2017	14:05
6	PB104031BS	20	1	2.54	100	7.30	2.17	0.000	0.394	0.394	0.512	11/06/2017	14:06
7	I6289-01		1	2.50	100	7.69	1.96	0.010	0.010	0.000	0.000	11/06/2017	14:06
8	I6299-01		1	2.55	100	7.44	1.80	0.007	0.007	0.000	0.000	11/06/2017	14:07
9	I6305-01		1	2.53	100	7.15	2.35	0.008	0.019	0.011	0.014	11/06/2017	14:07
10	I6334-01		1	2.51	100	7.89	2.44	0.011	0.011	0.000	0.000	11/06/2017	14:08
11	I6334-01DUP		1	2.55	100	7.64	1.79	0.010	0.010	0.000	0.000	11/06/2017	14:08
12	I6334-01MSPre	40	2	2.53	100	7.55	1.81	0.013	0.350	0.337	0.438	11/06/2017	14:09
13	I6334-01MS2Ins	1284	40	2.50	100	7.36	2.23	0.012	0.607	0.595	0.773	11/06/2017	14:09
14	I6334-01MS3Post	40	2	2.52	100	7.48	2.30	0.015	0.357	0.342	0.444	11/06/2017	14:10
15	CCV2	0.5	1	100	100		1.66	0.000	0.392	0.392	0.509	11/06/2017	14:10
16	CCB2		1	100	100		1.72	0.000	0.000	0.000	0.000	11/07/2017	14:11
17	I6337-01		1	2.52	100	7.38	2.40	0.063	0.063	0.000	0.000	11/06/2017	14:11
18	CCV3	0.5	1	100	100		2.25	0.000	0.393	0.393	0.510	11/06/2017	14:12
19	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	11/06/2017	14:12