CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB91026

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58999
Calibration Std. hexchrome 0.05 ppm	WP58998
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59001
Calibratation STD Hexa Chrome 0.5 PPM	WP59000
calibration std. hexchrome 0.01 ppm	WP58996
calibration std. hexchrome 0 ppm	WP58995
Hexavalent Chromium ICV Std.	WP59002
Hexavalent Chromium CCV Std	WP59003
hexavalent chromium color reagent	WP58994
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP58997

Intercept: -0.0004 **Slope:** 0.7785 **Regression:** 0.999971

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		2.40	0.000	0.000	0.000	10/23/2017	14:00
2	CAL2	0.01	1	100	100		1.59	0.000	0.006	0.006	10/23/2017	14:00
3	CAL3	0.025	1	100	100		2.33	0.000	0.017	0.017	10/23/2017	14:01
4	CAL4	0.05	1	100	100		1.77	0.000	0.038	0.038	10/23/2017	14:01
5	CAL5	0.1	1	100	100		2.26	0.000	0.079	0.079	10/23/2017	14:02
6	CAL6	0.5	1	100	100		1.80	0.000	0.393	0.393	10/23/2017	14:02
7	CAL7	1	1	100	100		2.36	0.000	0.776	0.776	10/23/2017	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 Backgrnd	Absorb. at 540 Color	Absorbance Difference	Result	Anal Date	Anal Time
1	ICV	0.5	1	100	100		2.13	0.000	0.390	0.390	0.501	10/23/2017	14:03
2	ICB		1	100	100		1.86	0.000	0.000	0.000	0.001	10/23/2017	14:04
3	CCV1	0.5	1	100	100		7.60	0.000	0.391	0.391	0.503	10/23/2017	14:04
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	0.001	10/23/2017	14:05
5	PB103570BL		1	2.51	100	7.05	2.45	0.000	0.000	0.000	0.001	10/23/2017	14:05
6	PB103570BS	20	1	2.55	100	7.20	1.73	0.000	0.377	0.377	0.485	10/23/2017	14:06
7	I6028-01		1	2.50	100	7.13	2.90	0.012	0.012	0.000	0.001	10/23/2017	14:06
8	I6028-01DUP		1	2.55	100	7.63	2.36	0.013	0.013	0.000	0.001	10/23/2017	14:07
9	I6028-01MSPre	40	2	2.53	100	7.48	2.21	0.013	0.352	0.339	0.436	10/23/2017	14:07
10	I6028-01MS2Ins	1284	40	2.52	100	7.93	2.18	0.012	0.618	0.606	0.779	10/23/2017	14:08
11	I6028-01MS3Post	40	2	2.51	100	7.77	1.69	0.015	0.363	0.348	0.448	10/23/2017	14:08
12	I6034-01		1	2.50	100	7.64	1.78	0.022	0.022	0.000	0.001	10/23/2017	14:09
13	I6044-01		1	2.54	100	7.52	2.20	0.040	0.040	0.000	0.001	10/23/2017	14:09
14	I6062-01		1	2.50	100	7.38	2.08	0.014	0.014	0.000	0.001	10/23/2017	14:10
15	CCV2	0.5	1	100	100		1.93	0.000	0.392	0.392	0.504	10/23/2017	14:10
16	CCB2		1	100	100		2.24	0.000	0.000	0.000	0.001	10/23/2017	14:11
17	I6064-01		1	2.51	100	7.61	1.55	0.041	0.041	0.000	0.001	10/23/2017	14:11
18	I6064-04		1	2.53	100	7.70	2.27	0.018	0.021	0.003	0.004	10/23/2017	14:12
19	I6064-07		1	2.54	100	7.81	2.48	0.015	0.015	0.000	0.001	10/23/2017	14:12
20	I6069-01		1	2.52	100	7.25	1.74	0.023	0.023	0.000	0.001	10/23/2017	14:13
21	I6070-01		1	2.51	100	7.19	1.63	0.052	0.052	0.000	0.001	10/23/2017	14:13
22	CCV3	0.5	1	100	100		2.39	0.000	0.393	0.393	0.505	10/23/2017	14:14
23	CCB3		1	100	100		2.31	0.000	0.000	0.000	0.001	10/23/2017	14:14