CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB91269

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59289
Calibration Std. hexchrome 0.05 ppm	WP59288
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59291
Calibratation STD Hexa Chrome 0.5 PPM	WP59290
calibration std. hexchrome 0.01 ppm	WP59286
calibration std. hexchrome 0 ppm	WP59275
Hexavalent Chromium ICV Std.	WP59292
Hexavalent Chromium CCV Std	WP59293
hexavalent chromium color reagent	WP59212
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59287

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		1.60	0.000	0.000	0.000	11/01/2017	14:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	11/01/2017	14:00
3	CAL3	0.025	1	100	100		2.20	0.000	0.017	0.017	11/01/2017	14:01
4	CAL4	0.05	1	100	100		2.39	0.000	0.038	0.038	11/01/2017	14:01
5	CAL5	0.1	1	100	100		1.55	0.000	0.079	0.079	11/01/2017	14:02
6	CAL6	0.5	1	100	100		2.04	0.000	0.393	0.393	11/01/2017	14:02
7	CAL7	1	1	100	100		1.69	0.000	0.776	0.776	11/01/2017	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		2.16	0.000	0.390	0.390	0.501	11/01/2017	14:03
2	ICB		1	100	100		1.85	0.000	0.000	0.000	0.001	11/01/2017	14:04
3	CCV1	0.5	1	100	100		1.96	0.000	0.391	0.391	0.503	11/01/2017	14:04
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	0.001	11/01/2017	14:05
5	PB103899BL		1	2.52	100	7.71	2.21	0.000	0.000	0.000	0.001	11/01/2017	14:05
6	PB103899BS	20	1	2.55	100	7.19	2.47	0.000	0.370	0.370	0.476	11/01/2017	14:06
7	I6157-01		1	2.53	100	7.25	2.38	0.045	0.045	0.000	0.001	11/01/2017	14:06
8	I6157-02		1	2.52	100	7.44	1.75	0.039	0.039	0.000	0.001	11/01/2017	14:07
9	I6157-03		1	2.53	100	7.23	1.99	0.035	0.035	0.000	0.001	11/01/2017	14:07
10	I6157-04		1	2.55	100	7.20	2.06	0.049	0.049	0.000	0.001	11/01/2017	14:08
11	I6157-05		1	2.50	100	7.60	1.81	0.089	0.089	0.000	0.001	11/01/2017	14:08
12	I6157-06		1	2.51	100	7.63	2.13	0.098	0.098	0.000	0.001	11/01/2017	14:09
13	I6226-01		1	2.53	100	7.22	1.64	0.008	0.010	0.002	0.003	11/01/2017	14:09
14	I6226-09		1	2.54	100	7.08	1.73	0.012	0.012	0.000	0.001	11/01/2017	14:10
15	CCV2	0.5	1	100	100		2.08	0.000	0.391	0.391	0.503	11/01/2017	14:10
16	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.001	11/01/2017	14:11
17	I6226-17		1	2.52	100	7.19	2.23	0.005	0.020	0.015	0.020	11/01/2017	14:11
18	I6231-01		1	2.55	100	7.36	1.93	0.009	0.009	0.000	0.001	11/01/2017	14:12
19	I6233-03		1	2.50	100	7.91	1.87	0.007	0.007	0.000	0.001	11/01/2017	14:12
20	I6233-04		1	2.51	100	7.22	1.74	0.006	0.008	0.002	0.003	11/01/2017	14:13
21	I6233-05		1	2.52	100	7.63	2.36	0.008	0.012	0.004	0.006	11/01/2017	14:13
22	I6236-01		1	2.50	100	7.48	2.13	0.006	0.009	0.003	0.004	11/01/2017	14:14
23	I6236-01DUP		1	2.55	100	7.50	2.01	0.005	0.008	0.003	0.004	11/01/2017	14:14
24	I6236-01MSPre	40	2	2.53	100	7.80	1.90	0.000	0.213	0.213	0.274	11/01/2017	14:15
25	I6236-01MS2Ins	1284	40	2.53	100	7.65	2.04	0.008	0.602	0.594	0.764	11/01/2017	14:15
26	I6236-01MS3Post	40	2	2.50	100	7.31	2.21	0.009	0.279	0.270	0.347	11/01/2017	14:16
27	CCV3	0.5	1	100	100		1.80	0.000	0.392	0.392	0.504	11/01/2017	14:16
28	CCB3		1	100	100		1.53	0.000	0.000	0.000	0.001	11/01/2017	14:17
29	I6236-03		1	2.54	100	7.20	2.34	0.029	0.029	0.000	0.001	11/01/2017	14:17
30	CCV4	0.5	1	100	100		2.20	0.000	0.392	0.392	0.504	11/01/2017	14:18
31	CCB4		1	100	100		1.91	0.000	0.000	0.000	0.001	11/01/2017	14:18