CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB89629

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57391
Calibration Std. hexchrome 0.05 ppm	WP57390
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57393
Calibratation STD Hexa Chrome 0.5 PPM	WP57392
calibration std. hexchrome 0.01 ppm	WP57388
calibration std. hexchrome 0 ppm	WP57387
Hexavalent Chromium ICV Std.	WP57394
Hexavalent Chromium CCV Std	WP57395
hexavalent chromium color reagent	WP57401
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57389

Intercept: -0.0007 **Slope:** 0.7815 **Regression:** 0.999954

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		2.13	0.000	0.000	0.000	08/21/2017	15:21
2	CAL2	0.01	1	100	100		1.86	0.000	0.006	0.006	08/21/2017	15:21
3	CAL3	0.025	1	100	100		1.92	0.000	0.017	0.017	08/21/2017	15:22
4	CAL4	0.05	1	100	100		2.39	0.000	0.038	0.038	08/21/2017	15:22
5	CAL5	0.1	1	100	100		1.64	0.000	0.077	0.077	08/21/2017	15:23
6	CAL6	0.5	1	100	100		2.25	0.000	0.396	0.396	08/21/2017	15:23
7	CAL7	1	1	100	100		2.48	0.000	0.778	0.778	08/21/2017	15:24

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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		1.63	0.000	0.390	0.390	0.500	08/21/2017	15:24
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	08/21/2017	15:25
3	CCV1	0.5	1	100	100		2.04	0.000	0.392	0.392	0.502	08/21/2017	15:25
4	CCB1		1	100	100		2.21	0.000	0.000	0.000	0.001	08/21/2017	15:26
5	PB101724BL		1	2.53	100	7.30	2.18	0.000	0.000	0.000	0.001	08/21/2017	15:26
6	PB101724BS	20	1	2.52	100	7.63	1.74	0.000	0.385	0.385	0.494	08/21/2017	15:27
7	I4881-01		1	2.54	100	7.25	1.59	0.043	0.043	0.000	0.001	08/21/2017	15:27
8	I4881-03		1	2.50	100	7.10	2.06	0.054	0.054	0.000	0.001	08/21/2017	15:27
9	I4890-01		1	2.50	100	7.19	1.69	0.013	0.013	0.000	0.001	08/21/2017	15:28
10	I4890-01DUP		1	2.55	100	7.77	2.33	0.012	0.012	0.000	0.001	08/21/2017	15:28
11	I4890-01MSPre	40	2	2.51	100	7.49	1.87	0.013	0.367	0.354	0.454	08/21/2017	15:29
12	I4890-01MS2Ins	1284	40	2.52	100	7.55	1.71	0.010	0.626	0.616	0.789	08/21/2017	15:29
13	I4890-01MS3Post	40	2	2.54	100	7.90	2.34	0.015	0.378	0.363	0.465	08/21/2017	15:30
14	I4890-02		1	2.51	100	7.86	2.20	0.011	0.011	0.000	0.001	08/21/2017	15:30
15	CCV2	0.5	1	100	100		1.65	0.000	0.392	0.392	0.502	08/21/2017	15:31
16	CCB2		1	100	100		2.39	0.000	0.000	0.000	0.001	08/21/2017	15:31
17	I4892-01		1	2.53	100	7.71	2.46	0.035	0.035	0.000	0.001	08/21/2017	15:32
18	I4898-01		1	2.55	100	7.63	1.76	0.027	0.027	0.000	0.001	08/21/2017	15:32
19	I4898-04		1	2.52	100	7.76	1.93	0.039	0.039	0.000	0.001	08/21/2017	15:33
20	I4900-15		1	2.55	100	7.42	2.10	0.036	0.036	0.000	0.001	08/21/2017	15:33
21	I4900-17		1	2.52	100	7.55	1.66	0.044	0.045	0.001	0.002	08/21/2017	15:34
22	CCV3	0.5	1	100	100		2.27	0.000	0.393	0.393	0.504	08/21/2017	15:34
23	CCB3		1	100	100		2.44	0.000	0.000	0.000	0.001	08/21/2017	15:35