CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB95037

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64153
Calibration Std. hexchrome 0.05 ppm	WP64152
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64157
Calibratation STD Hexa Chrome 0.5 PPM	WP64155
calibration std. hexchrome 0.01 ppm	WP64148
calibration std. hexchrome 0 ppm	WP64145
Hexavalent Chromium ICV Std.	WP64159
Hexavalent Chromium CCV Std	WP64161
hexavalent chromium color reagent	WP64076
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64150

Intercept: 0.0004 **Slope:** 0.7667 **Regression:** 0.999973

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		2.09	0.000	0.000	0.000	05/02/2018	12:10
2	CAL2	0.01	1	100	100		1.55	0.000	0.007	0.007	05/02/2018	12:10
3	CAL3	0.025	1	100	100		1.63	0.000	0.018	0.018	05/02/2018	12:11
4	CAL4	0.05	1	100	100		2.28	0.000	0.039	0.039	05/02/2018	12:11
5	CAL5	0.1	1	100	100		2.44	0.000	0.078	0.078	05/02/2018	12:12
6	CAL6	0.5	1	100	100		2.36	0.000	0.388	0.388	05/02/2018	12:12
7	CAL7	1	1	100	100		1.70	0.000	0.765	0.765	05/02/2018	12:13

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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		1.77	0.000	0.390	0.390	0.508	05/02/2018	12:13
2	ICB		1	100	100		2.20	0.000	0.000	0.000	-0.001	05/02/2018	12:14
3	CCV1	0.5	1	100	100		2.45	0.000	0.390	0.390	0.508	05/02/2018	12:14
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	-0.001	05/02/2018	12:15
5	PB108835BL		1	2.50	100	7.23	2.30	0.000	0.000	0.000	-0.001	05/02/2018	12:15
6	PB108835BS	20	1	2.55	100	7.10	1.88	0.000	0.385	0.385	0.502	05/02/2018	12:16
7	J2652-09		1	2.51	100	7.09	1.60	0.044	0.044	0.000	-0.001	05/02/2018	12:16
8	J2652-10		1	2.53	100	7.60	2.25	0.031	0.031	0.000	-0.001	05/02/2018	12:17
9	J2652-11		1	2.52	100	7.31	2.38	0.052	0.052	0.000	-0.001	05/02/2018	12:17
10	J2652-12		1	2.51	100	7.09	1.95	0.014	0.014	0.000	-0.001	05/02/2018	12:18
11	J2652-12DUP		1	2.53	100	7.40	2.47	0.013	0.013	0.000	-0.001	05/02/2018	12:18
12	J2652-12MSPre	40	2	2.54	100	7.10	2.07	0.016	0.355	0.339	0.442	05/02/2018	12:19
13	J2652-12MS2Ins	1284	40	2.53	100	7.35	1.94	0.011	0.588	0.577	0.752	05/02/2018	12:19
14	J2652-12MS3Post	40	2	2.51	100	7.44	1.60	0.017	0.359	0.342	0.446	05/02/2018	12:20
15	CCV2	0.5	1	100	100		1.91	0.000	0.390	0.390	0.508	05/02/2018	12:20
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	-0.001	05/02/2018	12:21
17	J2665-01		1	2.50	100	7.66	2.15	0.027	0.027	0.000	-0.001	05/02/2018	12:21
18	J2665-05		1	2.52	100	7.91	2.22	0.063	0.063	0.000	-0.001	05/02/2018	12:22
19	J2665-09		1	2.54	100	7.60	1.78	0.081	0.081	0.000	-0.001	05/02/2018	12:22
20	J2667-02		1	2.51	100	7.57	1.94	0.012	0.012	0.000	-0.001	05/02/2018	12:23
21	J2667-05		1	2.54	100	7.33	2.37	0.015	0.015	0.000	-0.001	05/02/2018	12:23
22	J2667-08		1	2.53	100	7.94	1.98	0.017	0.017	0.000	-0.001	05/02/2018	12:24
23	J2669-01		1	2.55	100	7.20	2.40	0.057	0.057	0.000	-0.001	05/02/2018	12:24
24	J2669-03		1	2.50	100	7.07	2.17	0.019	0.019	0.000	-0.001	05/02/2018	12:25
25	CCV3	0.5	1	100	100		1.85	0.000	0.391	0.391	0.509	05/02/2018	12:25
26	CCB3		1	100	100		2.34	0.000	0.000	0.000	-0.001	05/02/2018	12:26