CHEMTECH

Analytical Summary Report

Analysis Method: 7196A

Parameter: Hexavalent Chromium

Run Number: LB98791

ANALYST: Indiana

SUPERVISOR REVIEW BY: apatel

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68900
Calibration Std. hexchrome 0.05 ppm	WP68899
5N sulfuric acid	WP65054
Hexavalent Chromium LCS Std	WP68905
Calibratation STD HexaChrome 1 PPM	WP68902
Calibratation STD Hexa Chrome 0.5 PPM	WP68901
calibration std. hexchrome 0.01 ppm	WP68897
calibration std. hexchrome 0 ppm	WP68896
Hexavalent Chromium ICV Std.	WP68903
Hexavalent Chromium CCV Std	WP68904
hexavalent chromium color reagent	WP68747
Calibration std Hexachrome, 0.025ppm	WP68898

Intercept: 0.0004 **Slope:** 0.7716 **Regression:** 0.999968

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		2.18	0.000	0.000	0.000	10/19/2018	18:50
2	CAL2	0.01	1	100	100		1.90	0.000	0.008	0.008	10/19/2018	18:50
3	CAL3	0.025	1	100	100		2.31	0.000	0.017	0.017	10/19/2018	18:51
4	CAL4	0.05	1	100	100		1.75	0.000	0.038	0.038	10/19/2018	18:51
5	CAL5	0.1	1	100	100		1.56	0.000	0.080	0.080	10/19/2018	18:52
6	CAL6	0.5	1	100	100		2.15	0.000	0.390	0.390	10/19/2018	18:52
7	CAL7	1	1	100	100		2.27	0.000	0.770	0.770	10/19/2018	18:53

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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		1.69	0.000	0.390	0.390	0.505	10/19/2018	18:53
2	ICB		1	100	100		2.04	0.000	0.000	0.000	-0.001	10/19/2018	18:54
3	CCV1	0.5	1	100	100		2.33	0.000	0.391	0.391	0.506	10/19/2018	18:54
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	-0.001	10/19/2018	18:55
5	LB98791BL		1	100	100		1.59	0.000	0.000	0.000	-0.001	10/19/2018	18:55
6	LB98791BS	0.5	1	100	100		2.17	0.000	0.381	0.381	0.493	10/19/2018	18:56
7	J5621-01		1	100	100		2.35	0.003	0.003	0.000	-0.001	10/19/2018	18:56
8	J5621-02		1	100	100		1.80	0.006	0.006	0.000	-0.001	10/19/2018	18:57
9	J5621-08		1	100	100		1.74	0.242	0.242	0.000	-0.001	10/19/2018	18:57
10	J5621-09		1	100	100		2.31	0.008	0.008	0.000	-0.001	10/19/2018	18:58
11	J5621-09DUP		1	100	100		2.45	0.007	0.007	0.000	-0.001	10/19/2018	18:58
12	J5621-10	1	2	100	100		1.77	0.009	0.368	0.359	0.465	10/19/2018	18:59
13	J5621-11	1	2	100	100		1.64	0.009	0.369	0.360	0.466	10/19/2018	18:59
14	J5624-10		1	100	100		1.55	0.010	0.010	0.000	-0.001	10/19/2018	19:00
15	CCV2	0.5	1	100	100		2.11	0.000	0.391	0.391	0.506	10/19/2018	19:00
16	CCB2		1	100	100		2.32	0.000	0.000	0.000	-0.001	10/19/2018	19:00
17	J5626-04		1	100	100		1.86	0.007	0.007	0.000	-0.001	10/19/2018	19:01
18	J5626-06		1	100	100		2.47	0.005	0.005	0.000	-0.001	10/19/2018	19:01
19	J5626-08		1	100	100		1.69	0.009	0.009	0.000	-0.001	10/19/2018	19:02
20	CCV3	0.5	1	100	100		1.82	0.000	0.391	0.391	0.506	10/19/2018	19:02
21	CCB3		1	100	100		2.35	0.000	0.000	0.000	-0.001	10/19/2018	19:03

2B98791

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex101918 WorkList ID : 118280 Date : 10/19/2018 6:29:30 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/20/2018	Water	J5621-01	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	SA-SW-01	10/19/2018	7196A
10/20/2018	Water	J5621-02	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	SA-SW-02	10/19/2018	7196A
10/20/2018	Water	J5621-08	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	SA-TWP-01	10/19/2018	7196A
10/20/2018	Water	J5621-09	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	PA-SW-01	10/19/2018	7196A
10/20/2018	Water	J5621-10	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	J5621-09MS	10/19/2018	7196A
10/20/2018	Water	J5621-11	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	J5621-09MSD	10/19/2018	7196A
10/20/2018	Water	J5624-10	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	PA-SW-02	10/19/2018	7196A
10/20/2018	Water	J5626-04	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	PA-TWP-01	10/19/2018	7196A
10/20/2018	Water	J5626-06	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	EB-2018.10.19-SED	10/19/2018	7196A
10/20/2018	Water	J5626-08	Hexavalent Chromium	Cool 4 deg C	BEMS01	E52	EB-2018.10.19-SW	10/19/2018	7196A

Date/Time 10/19/18 18:32
Received by: JB
Relinquished by: [signature]

Date/Time 10/19/18 9:10
Received by: [signature]
Relinquished by: JB