CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB89934

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57744
Calibration Std. hexchrome 0.05 ppm	WP57743
5N sulfuric acid	WP56414
Hexavalent Chromium LCS Std	WP57749
Calibratation STD HexaChrome 1 PPM	WP57746
Calibratation STD Hexa Chrome 0.5 PPM	WP57745
calibration std. hexchrome 0.01 ppm	WP57741
calibration std. hexchrome 0 ppm	WP57740
Hexavalent Chromium ICV Std.	WP57747
Hexavalent Chromium CCV Std	WP57748
hexavalent chromium color reagent	WP57683
Calibration std Hexachrome, 0.025ppm	WP57742

Intercept: 0.0003 **Slope:** 0.7793 **Regression:** 0.999964

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		2.10	0.000	0.000	0.000	09/07/2017	16:40
2	CAL2	0.01	1	100	100		1.79	0.000	0.007	0.007	09/07/2017	16:40
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	09/07/2017	16:41
4	CAL4	0.05	1	100	100		2.01	0.000	0.039	0.039	09/07/2017	16:41
5	CAL5	0.1	1	100	100		2.25	0.000	0.079	0.079	09/07/2017	16:42
6	CAL6	0.5	1	100	100		1.66	0.000	0.395	0.395	09/07/2017	16:42
7	CAL7	1	1	100	100		2.30	0.000	0.777	0.777	09/07/2017	16:43

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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.55	0.000	0.390	0.390	0.500	09/07/2017	16:43
2	ICB		1	100	100		2.20	0.000	0.000	0.000	0.000	09/07/2017	16:44
3	CCV1	0.5	1	100	100		1.63	0.000	0.391	0.391	0.501	09/07/2017	16:44
4	CCB1		1	100	100		2.38	0.000	0.000	0.000	0.000	09/07/2017	16:45
5	LB89934BL		1	100	100		2.47	0.000	0.000	0.000	0.000	09/07/2017	16:45
6	LB89934BS	0.5	1	100	100		1.93	0.000	0.409	0.409	0.524	09/07/2017	16:46
7	I5155-01		1	100	100		1.64	0.003	1.203	1.200	1.539	09/07/2017	16:46
8	I5155-01DUP		1	100	100		2.35	0.002	1.200	1.198	1.537	09/07/2017	16:47
9	I5155-03		1	100	100		2.41	0.002	1.026	1.024	1.314	09/07/2017	16:47
10	I5155-03DUP		1	100	100		1.78	0.002	1.064	1.062	1.362	09/07/2017	16:48
11	I5155-04	1	2	100	100		1.69	0.002	1.303	1.301	1.669	09/07/2017	16:48
12	I5155-05	1	2	100	100		1.58	0.002	1.300	1.298	1.665	09/07/2017	16:49
13	I5155-06		2	100	100		2.05	0.001	0.620	0.619	0.794	09/07/2017	16:49
14	I5155-07		5	100	100		2.44	0.001	0.250	0.249	0.319	09/07/2017	16:50
15	CCV2	0.5	1	100	100		2.21	0.000	0.391	0.391	0.501	09/07/2017	16:50
16	CCB2		1	100	100		2.39	0.000	0.000	0.000	0.000	09/07/2017	16:51
17	I5155-08		10	100	100		1.77	0.003	0.125	0.122	0.156	09/07/2017	16:51
18	I5155-09	1	10	100	100		1.80	0.001	0.194	0.193	0.247	09/07/2017	16:52
19	I5155-10	1	10	100	100		2.10	0.001	0.193	0.192	0.246	09/07/2017	16:52
20	I5155-14		1	100	100		2.27	0.001	1.068	1.067	1.369	09/07/2017	16:53
21	I5155-15	1	2	100	100		1.69	0.001	1.320	1.319	1.692	09/07/2017	16:53
22	I5155-16	1	2	100	100		1.52	0.001	1.323	1.322	1.696	09/07/2017	16:54
23	I5155-17		2	100	100		2.32	0.003	0.603	0.600	0.770	09/07/2017	16:54
24	I5155-18		5	100	100		1.64	0.001	0.246	0.245	0.314	09/07/2017	16:55
25	I5155-19		10	100	100		2.30	0.001	0.121	0.120	0.154	09/07/2017	16:55
26	I5155-20	1	10	100	100		1.88	0.003	0.201	0.198	0.254	09/07/2017	16:56
27	CCV3	0.5	1	100	100		1.84	0.000	0.392	0.392	0.503	09/07/2017	16:56
28	CCB3		1	100	100		2.28	0.000	0.000	0.000	0.000	09/07/2017	16:57
29	I5155-21	1	10	100	100		2.40	0.002	0.200	0.198	0.254	09/07/2017	16:57
30	I5155-23		1	100	100		1.56	0.002	1.074	1.072	1.375	09/07/2017	16:58
31	I5155-24	1	2	100	100		1.69	0.002	1.362	1.360	1.745	09/07/2017	16:58
32	I5155-25	1	2	100	100		1.92	0.002	1.365	1.363	1.749	09/07/2017	16:59
33	I5155-26		2	100	100		2.30	0.003	0.618	0.615	0.789	09/07/2017	16:59
34	I5155-27		5	100	100		2.22	0.002	0.251	0.249	0.319	09/07/2017	17:00
35	I5155-28		10	100	100		2.31	0.005	0.130	0.125	0.160	09/07/2017	17:00
36	I5155-29	1	10	100	100		1.97	0.002	0.202	0.200	0.256	09/07/2017	17:01
37	I5155-30	1	10	100	100		1.88	0.002	0.203	0.201	0.258	09/07/2017	17:01
38	CCV4	0.5	1	100	100		1.86	0.000	0.392	0.392	0.503	09/07/2017	17:02
39	CCB4		1	100	100		2.21	0.000	0.000	0.000	0.000	09/07/2017	17:02

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex090717 WorkList ID : 102652 Date : 9/7/2017 2:28:15 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5155-01	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0001	09/07/2017	7196A
	Water	I5155-03	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0003	09/07/2017	7196A
	Water	I5155-04	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-03MS	09/07/2017	7196A
	Water	I5155-05	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-03MSD	09/07/2017	7196A
	Water	I5155-06	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0003-2X	09/07/2017	7196A
	Water	I5155-07	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0003-5X	09/07/2017	7196A
	Water	I5155-08	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0003-10X	09/07/2017	7196A
	Water	I5155-09	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-08MS	09/07/2017	7196A
	Water	I5155-10	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-08MSD	09/07/2017	7196A
	Water	I5155-14	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0005	09/07/2017	7196A
	Water	I5155-15	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-12MS	09/07/2017	7196A
	Water	I5155-16	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-12MSD	09/07/2017	7196A
	Water	I5155-17	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0005-2X	09/07/2017	7196A
	Water	I5155-18	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0005-5X	09/07/2017	7196A
	Water	I5155-19	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0005-10X	09/07/2017	7196A
	Water	I5155-20	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-17MS	09/07/2017	7196A
	Water	I5155-21	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-17MSD	09/07/2017	7196A
	Water	I5155-23	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0007	09/07/2017	7196A
	Water	I5155-24	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-21MS	09/07/2017	7196A
	Water	I5155-25	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-21MSD	09/07/2017	7196A
	Water	I5155-26	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0007-2X	09/07/2017	7196A

Date/Time 09/07/17 16:20
Received by: IB
Relinquished by: CP

Date/Time 09/07/17 17:00
Received by: CP
Relinquished by: IB

2B89934

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex090717 WorkList ID : 102652 Date : 9/7/2017 2:28:15 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5155-27	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0007-5X	09/07/2017	7196A
	Water	I5155-28	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	324-0007-10X	09/07/2017	7196A
	Water	I5155-29	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-26MS	09/07/2017	7196A
	Water	I5155-30	Hexavalent Chromium	Cool 4 deg C	LEID01	D51	I5155-26MSD	09/07/2017	7196A

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