

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90598

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58559
Calibration Std. hexchrome 0.05 ppm	WP58558
Hexavalent Chromium LCS Std	WP58564
Calibratation STD HexaChrome 1 PPM	WP58561
Calibratation STD Hexa Chrome 0.5 PPM	WP58560
calibration std. hexchrome 0.01 ppm	WP58556
calibration std. hexchrome 0 ppm	WP58555
Hexavalent Chromium ICV Std.	WP58562
Hexavalent Chromium CCV Std	WP58563
hexavalent chromium color reagent	WP58449
0.2N SULFURIC ACID	WP58235
Calibration std Hexachrome, 0.025ppm	WP58557

Intercept: 0.0002

Slope: 0.7667

Regression: 0.999977

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	10/05/2017	16:05
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	10/05/2017	16:05
3	CAL3	0.025	1	100	100		2.41	0.000	0.017	0.017	10/05/2017	16:06
4	CAL4	0.05	1	100	100		1.59	0.000	0.039	0.039	10/05/2017	16:06
5	CAL5	0.1	1	100	100		1.93	0.000	0.078	0.078	10/05/2017	16:07
6	CAL6	0.5	1	100	100		2.28	0.000	0.387	0.387	10/05/2017	16:07
7	CAL7	1	1	100	100		1.69	0.000	0.765	0.765	10/05/2017	16:08



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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		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.76	0.000	0.389	0.389	0.507	10/05/2017	16:08
2	ICB		1	100	100		2.23	0.000	0.000	0.000	0.000	10/05/2017	16:09
3	CCV1	0.5	1	100	100		2.44	0.000	0.391	0.391	0.510	10/05/2017	16:09
4	CCB1		1	100	100		1.20	0.000	0.000	0.000	0.000	10/05/2017	16:10
5	LB90598BL		1	100	100		2.07	0.000	0.000	0.000	0.000	10/05/2017	16:10
6	LB90598BS	0.5	1	100	100		1.65	0.000	0.363	0.363	0.473	10/05/2017	16:11
7	I5706-01		1	100	100		1.77	0.013	0.013	0.000	0.000	10/05/2017	16:11
8	I5706-03		1	100	100		2.21	0.002	0.002	0.000	0.000	10/05/2017	16:12
9	I5707-01		1	100	100		2.33	0.005	0.005	0.000	0.000	10/05/2017	16:12
10	I5707-01DUP		1	100	100		2.13	0.013	0.013	0.000	0.000	10/05/2017	16:13
11	I5707-01MS	1	2	100	100		1.78	0.006	0.359	0.353	0.460	10/05/2017	16:13
12	I5707-01MSD	1	2	100	100		2.32	0.007	0.369	0.362	0.472	10/05/2017	16:14
13	CCV2	0.5	1	100	100		1.63	0.000	0.392	0.392	0.511	10/05/2017	16:14
14	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.000	10/05/2017	16:15

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex100517-2 WorkList ID : 103759 Date : 10/5/2017 1:02:07 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/06/2017	Water	I5706-01	Hexavalent Chromium	Cool 4 deg C	DIST01	H11	MH-23	10/05/2017	SM3500-Cr B
10/06/2017	Water	I5706-03	Hexavalent Chromium	Cool 4 deg C	DIST01	H11	MH-A	10/05/2017	SM3500-Cr B
10/06/2017	Water	I5707-01	Hexavalent Chromium	Cool 4 deg C	DIST01	H11	2AVE-06	10/05/2017	SM3500-Cr B

Date/Time 10/05/17 15:00
Received by: IB
Relinquished by: IB

Date/Time 10/05/17 16:03
Received by: IB
Relinquished by: IB