

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89367

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57107
Calibration Std. hexchrome 0.05 ppm	WP57106
Hexavalent Chromium LCS Std	WP57112
Calibratation STD HexaChrome 1 PPM	WP57109
Calibratation STD Hexa Chrome 0.5 PPM	WP57108
calibration std. hexchrome 0.01 ppm	WP57104
calibration std. hexchrome 0 ppm	WP57099
Hexavalent Chromium ICV Std.	WP57110
Hexavalent Chromium CCV Std	WP57111
hexavalent chromium color reagent	WP56891
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP57105

Intercept: -0.0001

Slope: 0.7584

Regression: 0.99998

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		1.80	0.000	0.000	0.000	08/09/2017	09:20
2	CAL2	0.01	1	100	100		2.46	0.000	0.007	0.007	08/09/2017	09:20
3	CAL3	0.025	1	100	100		1.55	0.000	0.017	0.017	08/09/2017	09:21
4	CAL4	0.05	1	100	100		2.13	0.000	0.038	0.038	08/09/2017	09:21
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	08/09/2017	09:22
6	CAL6	0.5	1	100	100		1.72	0.000	0.377	0.377	08/09/2017	09:22
7	CAL7	1	1	100	100		2.04	0.000	0.759	0.759	08/09/2017	09:23



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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		2.13	0.000	0.389	0.389	0.513	08/09/2017	09:23
2	ICB		1	100	100		1.90	0.000	0.000	0.000	0.000	08/09/2017	09:24
3	CCV1	0.5	1	100	100		1.57	0.000	0.390	0.390	0.514	08/09/2017	09:24
4	CCB1		1	100	100		2.31	0.000	0.000	0.000	0.000	08/09/2017	09:25
5	LB89367BL		1	100	100		2.20	0.000	0.000	0.000	0.000	08/09/2017	09:25
6	LB89367BS	0.5	1	100	100		2.03	0.000	0.381	0.381	0.503	08/09/2017	09:26
7	I4681-10		1	100	100		2.27	0.000	0.000	0.000	0.000	08/09/2017	09:26
8	I4681-11		1	100	100		2.38	0.013	0.013	0.000	0.000	08/09/2017	09:27
9	I4681-11DUP		1	100	100		1.62	0.014	0.014	0.000	0.000	08/09/2017	09:27
10	I4681-11MS	1	2	100	100		1.74	0.014	0.389	0.375	0.495	08/09/2017	09:28
11	I4681-11MSD	1	2	100	100		2.11	0.013	0.390	0.377	0.497	08/09/2017	09:28
12	CCV2	0.5	1	100	100		2.43	0.000	0.391	0.391	0.516	08/09/2017	09:29
13	CCB2		1	100	100		1.86	0.000	0.000	0.000	0.000	08/09/2017	09:29

WORKLIST(Hardcopy Internal Chain)

1389367

WorkList Name : Hex080917

WorkList ID : 101663

Date : 8/9/2017 8:43:24 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4681-10	Hexavalent Chromium	Cool 4 deg C	LIRO01	L42	TWP-17	08/08/2017	SM3500-Cr B
	Water	I4681-11	Hexavalent Chromium	Cool 4 deg C	LIRO01	L42	TWP-09	08/08/2017	SM3500-Cr B

Date/Time 08/09/17 8:59

Received by: IB

Relinquished by: IB

Date/Time 08/09/17 10:20

Received by: IB

Relinquished by: IB