

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89480

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57246
Calibration Std. hexchrome 0.05 ppm	WP57245
Hexavalent Chromium LCS Std	WP57251
Calibratation STD HexaChrome 1 PPM	WP57248
Calibratation STD Hexa Chrome 0.5 PPM	WP57247
calibration std. hexchrome 0.01 ppm	WP57243
calibration std. hexchrome 0 ppm	WP57242
Hexavalent Chromium ICV Std.	WP57249
Hexavalent Chromium CCV Std	WP57250
hexavalent chromium color reagent	WP57168
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP57244

Intercept: -0.0003

Slope: 0.7598

Regression: 0.999985

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		1.89	0.000	0.000	0.000	08/15/2017	10:10
2	CAL2	0.01	1	100	100		2.13	0.000	0.006	0.006	08/15/2017	10:10
3	CAL3	0.025	1	100	100		1.67	0.000	0.017	0.017	08/15/2017	10:11
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	08/15/2017	10:11
5	CAL5	0.1	1	100	100		2.34	0.000	0.078	0.078	08/15/2017	10:12
6	CAL6	0.5	1	100	100		1.62	0.000	0.378	0.378	08/15/2017	10:12
7	CAL7	1	1	100	100		2.25	0.000	0.760	0.760	08/15/2017	10:13

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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		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.99	0.000	0.389	0.389	0.512	08/15/2017	10:13
2	ICB		1	100	100		2.31	0.000	0.000	0.000	0.000	08/15/2017	10:14
3	CCV1	0.5	1	100	100		2.07	0.000	0.390	0.390	0.514	08/15/2017	10:14
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.000	08/15/2017	10:15
5	LB89480BL		1	100	100		1.72	0.000	0.000	0.000	0.000	08/15/2017	10:15
6	LB89480BS	0.5	1	100	100		2.35	0.000	0.358	0.358	0.472	08/15/2017	10:16
7	I4792-11		1	100	100		2.40	0.007	0.007	0.000	0.000	08/15/2017	10:16
8	I4792-11DUP		1	100	100		2.27	0.008	0.008	0.000	0.000	08/15/2017	10:17
9	I4792-11MS	1	2	100	100		2.10	0.010	0.360	0.350	0.461	08/15/2017	10:17
10	I4792-11MSD	1	2	100	100		1.63	0.009	0.359	0.350	0.461	08/15/2017	10:18
11	CCV2	0.5	1	100	100		2.17	0.000	0.390	0.390	0.514	08/15/2017	10:18
12	CCB2		1	100	100		1.57	0.000	0.000	0.000	0.000	08/15/2017	10:19

WORKLIST(Hardcopy Internal Chain)

LB 89480

WorkList Name : Hex081517

WorkList ID : 101907

Date : 8/15/2017 9:11:21 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4792-11	Hexavalent Chromium	Cool 4 deg C	LIRO01	L63	TWP-01	08/14/2017	SM3500-Cr B

Date/Time 08/15/17 9:20
 Received by: IB
 Relinquished by: OP

Date/Time 08/15/17 10:52
 Received by: OP
 Relinquished by: IB