

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89810

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57596
Calibration Std. hexchrome 0.05 ppm	WP57595
Hexavalent Chromium LCS Std	WP57601
Calibratation STD HexaChrome 1 PPM	WP57598
Calibratation STD Hexa Chrome 0.5 PPM	WP57597
calibration std. hexchrome 0.01 ppm	WP57593
calibration std. hexchrome 0 ppm	WP57592
Hexavalent Chromium ICV Std.	WP57599
Hexavalent Chromium CCV Std	WP57600
hexavalent chromium color reagent	WP57539
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP57594

Intercept: -0.0005

Slope: 0.7616

Regression: 0.999979

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		2.36	0.000	0.000	0.000	08/31/2017	10:02
2	CAL2	0.01	1	100	100		2.17	0.000	0.006	0.006	08/31/2017	10:02
3	CAL3	0.025	1	100	100		1.83	0.000	0.017	0.017	08/31/2017	10:03
4	CAL4	0.05	1	100	100		2.13	0.000	0.038	0.038	08/31/2017	10:03
5	CAL5	0.1	1	100	100		1.66	0.000	0.079	0.079	08/31/2017	10:04
6	CAL6	0.5	1	100	100		1.55	0.000	0.378	0.378	08/31/2017	10:04
7	CAL7	1	1	100	100		1.92	0.000	0.762	0.762	08/31/2017	10:05

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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		1.74	0.000	0.387	0.387	0.509	08/31/2017	10:05
2	ICB		1	100	100		1.66	0.000	0.000	0.000	0.001	08/31/2017	10:06
3	CCV1	0.5	1	100	100		2.04	0.000	0.389	0.389	0.511	08/31/2017	10:06
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	0.001	08/31/2017	10:07
5	LB89810BL		1	100	100		2.33	0.000	0.000	0.000	0.001	08/31/2017	10:07
6	LB89810BS	0.5	1	100	100		2.25	0.004	0.413	0.409	0.538	08/31/2017	10:08
7	I5057-01		1	100	100		1.71	0.003	0.003	0.000	0.001	08/31/2017	10:08
8	I5057-01DUP		1	100	100		1.88	0.004	0.004	0.000	0.001	08/31/2017	10:09
9	I5057-02	1	2	100	100		2.38	0.004	0.389	0.385	0.506	08/31/2017	10:09
10	I5057-03	1	2	100	100		1.56	0.005	0.390	0.385	0.506	08/31/2017	10:10
11	I5057-04		1	100	100		2.22	0.002	0.002	0.000	0.001	08/31/2017	10:10
12	I5057-05		1	100	100		1.69	0.008	0.008	0.000	0.001	08/31/2017	10:11
13	CCV2	0.5	1	100	100		2.41	0.000	0.390	0.390	0.513	08/31/2017	10:11
14	CCB2		1	100	100		1.96	0.000	0.000	0.000	0.001	08/31/2017	10:12

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEXW083117

WorkList ID : 102442

Date : 8/31/2017 9:36:12 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5057-01	Hexavalent Chromium	Cool 4 deg C	URSC05	O52	MWHR2-6	08/30/2017	SM3500-Cr B
	Water	I5057-02	Hexavalent Chromium	Cool 4 deg C	URSC05	O52	I5057-01MS	08/30/2017	SM3500-Cr B
	Water	I5057-03	Hexavalent Chromium	Cool 4 deg C	URSC05	O52	I5057-01MSD	08/30/2017	SM3500-Cr B
	Water	I5057-04	Hexavalent Chromium	Cool 4 deg C	URSC05	O52	MWHR2-10	08/30/2017	SM3500-Cr B
	Water	I5057-05	Hexavalent Chromium	Cool 4 deg C	URSC05	O52	MWHR3-8	08/30/2017	SM3500-Cr B

Date/Time 08/31/17 9:50
 Received by: AK
 Relinquished by: CP

Date/Time 08/31/17 12:00
 Received by: CP
 Relinquished by: IB

LB 89810