



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89673

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57447
Calibration Std. hexchrome 0.05 ppm	WP57446
Hexavalent Chromium LCS Std	WP57452
Calibratation STD HexaChrome 1 PPM	WP57449
Calibratation STD Hexa Chrome 0.5 PPM	WP57448
calibration std. hexchrome 0.01 ppm	WP57444
calibration std. hexchrome 0 ppm	WP57441
Hexavalent Chromium ICV Std.	WP57450
Hexavalent Chromium CCV Std	WP57451
hexavalent chromium color reagent	WP57401
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP57445

Intercept: -0.0005

Slope: 0.76

Regression: 0.999987

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		1.60	0.000	0.000	0.000	08/23/2017	10:46
2	CAL2	0.01	1	100	100		2.31	0.000	0.006	0.006	08/23/2017	10:46
3	CAL3	0.025	1	100	100		1.77	0.000	0.017	0.017	08/23/2017	10:47
4	CAL4	0.05	1	100	100		1.84	0.000	0.038	0.038	08/23/2017	10:47
5	CAL5	0.1	1	100	100		2.28	0.000	0.078	0.078	08/23/2017	10:48
6	CAL6	0.5	1	100	100		2.47	0.000	0.378	0.378	08/23/2017	10:48
7	CAL7	1	1	100	100		1.55	0.000	0.760	0.760	08/23/2017	10:49

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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		2.10	0.000	0.385	0.385	0.507	08/23/2017	10:49
2	ICB		1	100	100		1.69	0.000	0.000	0.000	0.001	08/23/2017	10:50
3	CCV1	0.5	1	100	100		2.15	0.000	0.388	0.388	0.511	08/23/2017	10:50
4	CCB1		1	100	100		2.44	0.000	0.000	0.000	0.001	08/23/2017	10:51
5	LB89673BL		1	100	100		1.81	0.000	0.000	0.000	0.001	08/23/2017	10:51
6	LB89673BS	0.5	1	100	100		2.07	0.000	0.379	0.379	0.499	08/23/2017	10:52
7	I4923-01		1	100	100		1.54	0.012	0.012	0.000	0.001	08/23/2017	10:52
8	I4923-01DUP		1	100	100		1.76	0.011	0.011	0.000	0.001	08/23/2017	10:53
9	I4923-01MS	1	2	100	100		2.32	0.014	0.389	0.375	0.494	08/23/2017	10:53
10	I4923-01MSD	1	2	100	100		2.02	0.013	0.387	0.374	0.493	08/23/2017	10:54
11	I4923-02		1	100	100		1.94	0.056	0.056	0.000	0.001	08/23/2017	10:54
12	CCV2	0.5	1	100	100		2.03	0.000	0.389	0.389	0.512	08/23/2017	10:55
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.001	08/23/2017	10:55

2889673

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex082317

WorkList ID : 102218

Date : 8/23/2017 10:05:02 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4923-01	Hexavalent Chromium	Cool 4 deg C	LIRO01	N41	SB04-GW	08/22/2017	SM3500-Cr B
	Water	I4923-02	Hexavalent Chromium	Cool 4 deg C	LIRO01	N41	SB01-GW	08/22/2017	SM3500-Cr B

Date/Time 08/23/17 10:10
Received by: IB
Relinquished by: CP

Date/Time 08/23/17 11:52
Received by: CP
Relinquished by: IB