

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87660

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55146
Calibration Std. hexchrome 0.05 ppm	WP55145
Hexavalent Chromium LCS Std	WP55151
Calibratation STD HexaChrome 1 PPM	WP55148
Calibratation STD Hexa Chrome 0.5 PPM	WP55147
calibration std. hexchrome 0.01 ppm	WP55123
calibration std. hexchrome 0 ppm	WP55122
Hexavalent Chromium ICV Std.	WP55149
Hexavalent Chromium CCV Std	WP55150
hexavalent chromium color reagent	WP55164
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP55124

Intercept: 0.0003

Slope: 0.765

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		1.62	0.000	0.000	0.000	05/23/2017	10:00
2	CAL2	0.01	1	100	100		2.30	0.000	0.007	0.007	05/23/2017	10:00
3	CAL3	0.025	1	100	100		1.83	0.000	0.018	0.018	05/23/2017	10:01
4	CAL4	0.05	1	100	100		2.46	0.000	0.038	0.038	05/23/2017	10:01
5	CAL5	0.1	1	100	100		2.37	0.000	0.079	0.079	05/23/2017	10:02
6	CAL6	0.5	1	100	100		1.55	0.000	0.385	0.385	05/23/2017	10:02
7	CAL7	1	1	100	100		1.81	0.000	0.764	0.764	05/23/2017	10:03



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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	0.390	0.390	0.509	05/23/2017	10:03
2	ICB		1	100	100		2.46	0.000	0.000	0.000	0.000	05/23/2017	10:04
3	CCV1	0.5	1	100	100		1.60	0.000	0.391	0.391	0.511	05/23/2017	18:30
4	CCB1		1	100	100		1.73	0.000	0.000	0.000	0.000	05/23/2017	18:30
5	LB87660BL		1	100	100		2.08	0.000	0.000	0.000	0.000	05/23/2017	18:31
6	LB87660BS	0.5	1	100	100		2.29	0.000	0.397	0.397	0.519	05/23/2017	18:31
7	I3316-01		1	100	100		1.84	0.054	0.054	0.000	0.000	05/23/2017	18:32
8	I3316-01DUP		1	100	100		2.27	0.053	0.053	0.000	0.000	05/23/2017	18:32
9	I3316-01MS	1	2	100	100		1.53	0.056	0.410	0.354	0.462	05/23/2017	18:33
10	I3316-01MSD	1	2	100	100		1.69	0.055	0.409	0.354	0.462	05/23/2017	18:33
11	CCV2	0.5	1	100	100		2.44	0.000	0.391	0.391	0.511	05/23/2017	18:34
12	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.000	05/23/2017	18:34

2B87660

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex052317-5

WorkList ID : 98828

Date : 5/23/2017 6:10:20 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3316-01	Hexavalent Chromium	Cool 4 deg C	TULL02	I32	WS-3	05/23/2017	SM3500-Cr B

Date/Time 05/23/17 18:20
Received by: IB
Relinquished by: IB

Date/Time 05/23/17 19:00
Received by: IB
Relinquished by: IB