

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101354

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP72516
Calibration Std. hexchrome 0.05 ppm	WP72514
Calibratation STD HexaChrome 1 PPM	WP72522
Calibratation STD Hexa Chrome 0.5 PPM	WP72521
calibration std. hexchrome 0.01 ppm	WP72511
calibration std. hexchrome 0 ppm	WP72510
Hexavalent Chromium ICV Std.	WP72524
Hexavalent Chromium CCV Std	WP72525
hexavalent chromium color reagent	WP72409
HEX LOD STD, 0.005PPM	WP72528
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP72513

Intercept: -0.0004

Slope: 0.762

Regression: 0.999942

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		2.31	0.000	0.000	0.000	03/13/2019	11:40
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	03/13/2019	11:40
3	CAL3	0.025	1	100	100		1.56	0.000	0.017	0.017	03/13/2019	11:41
4	CAL4	0.05	1	100	100		2.23	0.000	0.038	0.038	03/13/2019	11:41
5	CAL5	0.1	1	100	100		1.90	0.000	0.080	0.080	03/13/2019	11:42
6	CAL6	0.5	1	100	100		2.45	0.000	0.375	0.375	03/13/2019	11:42
7	CAL7	1	1	100	100		1.78	0.000	0.764	0.764	03/13/2019	11:43



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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		1.64	0.000	0.380	0.380	0.499	03/13/2019	11:43
2	ICB		1	100	100		2.39	0.000	0.000	0.000	0.001	03/13/2019	11:44
3	CCV1	0.5	1	100	100		2.31	0.000	0.380	0.380	0.499	03/13/2019	11:44
4	CCB1		1	100	100		1.55	0.000	0.000	0.000	0.001	03/13/2019	11:45
5	LB101354BL		1	100	100		1.60	0.000	0.000	0.000	0.001	03/13/2019	11:45
6	LB101354BS	0.5	1	100	100		2.44	0.000	0.373	0.373	0.490	03/13/2019	11:46
7	K1560-12		1	100	100		1.71	0.000	0.004	0.004	0.006	03/13/2019	11:46
8	CCV2	0.5	1	100	100		1.63	0.000	0.380	0.380	0.499	03/13/2019	11:47
9	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.001	03/13/2019	11:47

LB101354

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hexw031219-2 WorkList ID : 123298 Date : 03-12-2019 10:15:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/22/2019	Water	K1560-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	MDL-MDL-WATER-06-QT1-2C	02/21/2019	SM3500-Cr B

Date/Time NA
 Received by: NA
 Relinquished by: NA

Date/Time NA
 Received by: NA
 Relinquished by: NA