CHELEX-L Master Compounding Preparation of Chelex Water

Preparation of Chelex Water -_____

Raw Materials and Calculations Record

Component Name	Internal Tracking Number (ITN)	Desired Concentration	x	Target Volume		Calculated Amount
Chelex 100 Resin	SS-CHELEX-_____	10g	x	500mL	=	10g
Water (HPLC)	SS-HGW-_____	1L	x		=	500mL

Applicable Operating Procedures and References:

1. **Oxa-L-**, "Master Compounding Record Preparation of 1.0M Oxalic Acid for dilution of 89Zr-Oxalate"
2. **NaCO-L-2.0M-**, "Master Compounding Record Preparation of 2.0M Na2CO3"
3. **NaCO-L-0.1-**, "Master Compounding Record Preparation of 0.1M Na2CO3"
4. **HEPES-L-**, "Master Compounding Record Preparation of 0.5M HEPES Buffer"
5. **CITRICA-L-**, "Master Compounding Record Preparation of TLC Mobile Phase for QC"

Materials and Equipment:

1. Analytical Balance
2. Graduated cylinder, 1L (to deliver)
3. Water, HPLC graded
4. Labels
5. Pyrogen free bottle, 500mL, 1L
6. 1L Chromatograph Column

Guidelines:

- Use clean dry graduated cylinders.

STEPS
1. Weigh 10g of Chelex 100 molecular biology grade resin to a Pyrogen free 500mL bottle. Add 100mL of HPLC graded water to the bottle and swell the resin.
2. Pack a 1L Chromatograph column with the swelled resin. Load all HPLC graded water to the top of the column and collect the flow through.
3. Cap the bottle and label the container with the contents, date made and the initials of the person who made the solution. Label with an expiration of 6 months.

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Template

"Insert Your Institution Information Here"

Not Responsible for Investigator's Use

Performed By/Date: _____ **Checked By/Date:** _____

QA Review: _____ **Date:** _____

SOP: Citric-L Master Compounding Record for Preparation of TLC Mobile Phase for QC	Supersedes**: None**
Effective Date**:**	Version**: V1**

	Printed Name	Signature	Date
	Author:		
	Regulatory Approval:		

Procedure becomes effective on latest date of the two approval signatures above.
Procedure applies to all IND drugs.

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