HEPES-L Master Compounding Record for Preparation of 0.5M HEPES Buffer

Preparation of 0.5M HEPES Buffer -_____

Raw Material Bill of Materials and Calculations Record

Component Name	Internal Tracking Number (ITN)	Desired Concentration	x	Target Volume		Calculated Amount
1M HEPES Buffer (pH 7.1)	**SS-HEPES-_____**	**0.5M**	**x**	**5 ml**	**=**	**2.5 ml**
Water (Chelex)	**CHELEX-L-_____**		**x**		**=**	**2.5 ml**

Applicable Operating Procedures and References:

1. **MPR-[^{89}Zr]Protein**, "Master Production Record for Synthesis of [^{89}Zr]Protein Injection"

Materials and Equipment:

1. Transfer Pipetter
2. Chelex water
3. Labels
4. Pyrogen free 1.5ml graduated tube
5. pH 5.0-10.0 strip

Guidelines:

- Use clean dry graduated cylinders.

STEPS
1. Transfer 0.5ml 1M HEPES solution to the 1.5 ml tube. Fill the tube with chelex water till the 1ml marked line.
2. Check the pH and acceptance range: pH 7.1-7.3.
3. Cap the flask and mix the contents thoroughly. Label the container with the contents, date made and the initials of the person who made the solution. Label with an expiration of 1 day.

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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**: HEPES-L Master Compounding Record for Preparation of 0.5M HEPES Solution**	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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