

	SOP-BCR-4.15	<b>Preparation of Hepes</b>	Author: S. Clouthier  Approved: M. Wicha 	Rev: 1.0	Issued: 09/24/98 Revised: 7/17/12
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### 1.0 Purpose

The purpose of SOP 4.15 is to describe how to prepare HEPES.

### 2.0 Scope

SOP 4.15 is intended to cover all resources, personnel and equipment in the BCR laboratory.

### 3.0 Materials

No.	Name	Description	Storage Location
1.0	Hepes	Buffering Agent	Dry powder located in Chemical Cabinet (026-314S)

### 4.0 Procedure

- 4.1 Add 23.83 g HEPES to 100 mL distilled water.
- 4.2 After dissolved, sterile filter with 0.22 µM filter into two sterile 50mL tubes.
- 4.3 Label, date and store at 4° C
- 4.4 Use at a final concentration of **1M**.
- 4.5 Source: Sigma Chemicals H 3375, 250 g. size

### 5.0 Applicable References

### 6.0 Change Description

Revision	Date	Reference	Description of Change
1.0	7/17/12	CL	Added room location