
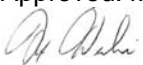
	SOP-BCR-4.10	Preparation of Ampicillin Stocks	Author: S. Clouthier  Approved: M. Wicha 	Rev: 2.0	Issued: 05/06/09 Revised: 07/2/12
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1.0 Purpose

The purpose of SOP 4.10 is to describe how to prepare Ampicillin stocks.

2.0 Scope

SOP 4.10 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials

No.	Name	Amt.	Description	Storage Location
1.0	Ampicillin (powder)	1g	Antibiotic	Fridge #1 (in antibiotic box along door, 026-328S-A)
2.0	ddiH2O	20mL	Solvent	Lab Bench

4.0 Procedure

4.1 Ampicillin should be weighed out and added to 20mL ddiH2O.

4.2 Allow for the Ampicillin to dissolve completely.

4.3 Filter Sterilize solution using a .22um filter.

4.4 Aliquot into 20 1mL eppendorf tubes.

4.5 **Final Concentration for stock should be 50mg/mL.**

4.6 Label and store in Ampicillin box located in Freezer #2 (026-328S-A).

5.0 Applicable References

Ampicillin, Sigma-Aldrich Product Information: Technical Data Sheet

6.0 Change Description

Revision	Date	Reference	Description of Change
1.0	9/10/09		For bacteria use final working concentration (in media) of 100 ug/mL, by adding 2 uL of 50 mg/mL stock per mL of media
2.0	7/2/12	CL	Added room locations