

Preparation of BC Samples for Lyophilization




Introduction

This protocol prepares BC for lyophilization (freeze-drying) in preparation for x-ray diffraction analysis.

Reagents

-  Cleaned BC samples
-  Liquid Nitrogen

Equipment

-  Falcon tubes
-  Freeze dryer
-  Liquid nitrogen safe container

Procedure

1. Place cleaned BC samples in a sterile Falcon tube.
2. Place the Falcon tube in a liquid nitrogen safe container and pour liquid nitrogen into the container to freeze the samples.
3. Once samples are frozen, place them in a freeze-dryer for 12-24 hours to allow for drying.