

Stainless Steel Beads, 0.9-2.0 mm bead blend, RNase-free

Overview

Stainless steel blend provided by Next Advance is ideal for the homogenization of biological samples. The small size and higher density of the material make it suitable for the homogenization of tough cell culture and tough tissue samples.

RNase-free stainless steel beads undergo a controlled cleaning process and are required to meet lot-specific certification criteria. Each lot is tested, verified, and certified to be free of detectable RNase activity.

Uses

- General-purpose bead beating in bead mill homogenizers for all sample types.
- Homogenize samples to release DNA or other molecules of interest.
- Compatible with all Bullet Blender homogenization models.

Example Sample Types

- All tissue types and samples.
- Yeast, fungi, bacteria, and algae.
- Insects and small organisms like tick and mosquito.
- Plant matter and leaves.

**Specifications**

Product Amount	4 mL
Shape	Spherical and irregular spheres (flattened or elongated)
Material	Stainless Steel
Composition	300 series stainless steel
Specific Density	~ 7.8 g/cm ³
Bulk Density	~ 5.5 g/cm ³
Average Size	0.9 - 2.0 mm ± 0.08 mm

Usage Statement

This product is intended solely for research and laboratory use. It is not intended for use in humans or animals, nor for any clinical, diagnostic, or therapeutic applications. Users are responsible for ensuring compliance with all applicable standards and regulatory requirements relevant to their specific workflows.

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