

Stainless Steel Beads, 4.8 mm, RNase-free**Overview**

Stainless steel grinding media provided by Next Advance is ideal for the homogenization of biological samples. The large size and higher density of the material make it suitable for the homogenization of a large tissue samples, reducing particle size, or powderizing dry 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 tough tissues.
- Reducing particle size.
- Powderizing dry samples.
- Homogenizing samples to release bacteria or organelles from cells.
- Compatible with the 50DX Bullet Blender homogenization model.

Example Sample Types

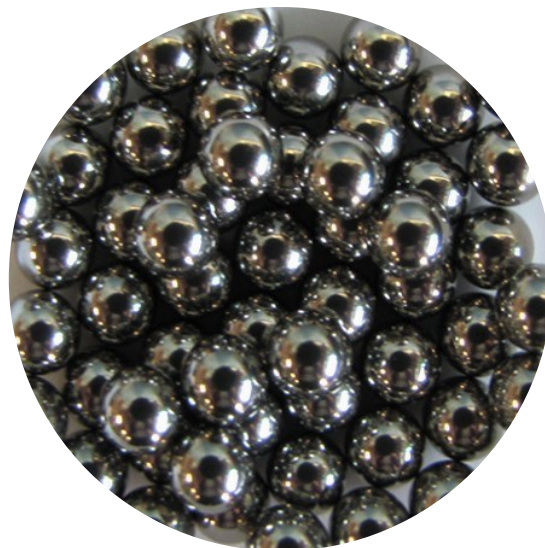
- Large tough tissue like muscle or skin samples.
- Woody or fibrous plant matter like leaf or root.
- Seeds and grains.
- Soil or fecal matter.
- Including other samples with similar characteristics.

Specifications

Product Amount	10 mL
Shape	Spherical
Material	Stainless Steel
Composition	300 series stainless steel
Specific Density	~ 7.8 g/cm ³
Bulk Density	~ 5.5 g/cm ³
Average Size	4.8 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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