

Garnet Flakes, 0.7 mm bead blend, RNase-free

Overview

Garnet grinding media provided by Next Advance is ideal for the homogenization of biological samples. Its sharp, angular geometry make garnet flakes an effective grinding medium for homogenizing small organisms or other soft biological samples.

RNase-free garnet flakes 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 soft biological samples.
- Homogenize samples to release DNA or other molecules of interest.
- Compatible with all Bullet Blender homogenization models.

Example Sample Types

- Small organisms such as drosophila and mosquitos.
- Algae, fungi, nematodes and yeast.
- Including other samples with similar characteristics.

Specifications

Product Amount	4 mL
Shape	Irregular Grains
Material	Garnet
Composition	99.6% Almandine, <.65% Quartz, 0.01% Iron, 0.01% Hornblende, 0.01% Feldspars
Specific Density	~ 4.1 g/cm ³
Bulk Density	2.4 g/cm ³
Average Size	0.7 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.