

### Overview

Zirconium oxide grinding media provided by Next Advance is ideal for the homogenization of biological samples. Due to the lower density of the material, it is suitable for the homogenization of softer samples, such as brain or kidney tissue.

RNase-free zirconium oxide beads undergo a special cleaning process. They are guaranteed and certified to be RNase-free.

### Uses

- Homogenize tissue to release protein, DNA, RNA or other molecules of interest.
- Release viable cells from tissue to generate suspensions.



### Properties

| Description      | Property                             |
|------------------|--------------------------------------|
| Shape            | Spherical                            |
| Composition      | 95% Zirconium Oxide 5% Yttrium Oxide |
| Specific Density | ~ 6.0 g/cm <sup>3</sup>              |
| Bulk Density     | ~ 3.75 g/cm <sup>3</sup>             |
| Diameter         | 6.0 mm ± 0.10 mm                     |

MK19-0262A