



## Specification

### Lysing Matrix D, 2 ml Tubes

**Catalog Number:** LM1003  
**CAS Number:** 6913-010; 6913-050; 6913-100; 6913-500  
**Description:** Lysing Matrix D is optimized for bead beating lysis of softer animals and plants tissues, primary for the purpose of RNA extraction. (For the DNA extraction the Lysing Matrix A is recommended). It contains optimized quantity of processed 1.4 mm diameter zirconium silicate beads. It's often used as the most ubiquitous bead beating media for isolation of RNA from animals tissues such as brains, spleen, lungs, or from plant tissue such a roots, flowers, fruits, roots, and leaves, as well as for isolation of RNA from cells from cell cultures, and processing of the intact insects. Lysing Matrix D is chemically inert and will not bind nucleic acids and is compatible with any downstream purification protocol.  
**Storage:** 15° - 30°C

Test	Specification
Physical Description	White to Off-White Ceramic Beads in a 2 ml microcentrifuge tube
Identity Test	Passes
DNase	Not Detected
RNase	Not Detected

Approved:

Date: June 4, 2021

John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojiraafc.com](mailto:docsupport@gojiraafc.com)