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Product Specification

Product Name:

Mutanolysin from *Streptomyces globisporus* ATCC 21553 – lyophilized powder, ≥4000 units/mg protein (biuret), Chromatographically purified

Product Number:

M9901

CAS Number:

55466-22-3

Storage Temperature:

-20 °C

TEST	Specification
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Appearance (Color)

White to Off White

Not Applicable for 1KU vials

Appearance (Form)

Powder

Solubility (Color)

Colorless to Light Yellow

Not Applicable for 1KU vials

Solubility (Turbidity)

Clear to Very Slightly Hazy

With or Without particles. 1mg/mL of buffer (0.05 M TES + 1 mM MgCl₂ pH 7.0)

Protein Content

≥ 40 %

Biuret

units/mg Protein

≥ 4000

One unit per mL will produce a change in absorbance at 600 nm of 0.01 per minute at pH 6.0 at 37 deg C using a suspension of *streptococcus faecalis* cell walls as substrate.

Recommended Retest Period

2 Years

Specification: PRE.4.ZQ5.10000013815

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

