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Product Specification

Product Name:

Collagenase from *Clostridium histolyticum* - for general use, Type I, 0.25-1.0 FALGPA units/mg solid,
≥125 CDU/mg solid

Product Number:

C0130

CAS Number:

9001-12-1

MDL:

MFCD00130830

Storage Temperature:

-20 °C

TEST	Specification
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units/mg solid (Collagen)

≥ 125

Unit definition: One unit liberates peptides from collagen from bovine achilles tendon equivalent in ninhydrin color to 1.0 micromole of leucine in 5 hours at pH 7.4 at 37 deg C in the presence of calcium ions.

units/mg solid (FALGPA)

0.25 - 1.00

One unit hydrolyzes 1.0 micromole of FALGPA (Furylacryloyl-LEU-GLY-PRO-ALA, F5135) per minute at pH 7.5 at 25 deg C in the presence of calcium ions.

units/mg solid (Caseinase)

≤ 150

Units/mg solid (Clostripain)

≤ 2.0

Recommended Retest Period

6 years

Specification: PRD.1.ZQ5.10000031493

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.