

Product Specification

Product Name :

Collagenase from Clostridium histolyticum 0.2 µm filtered, suitable for release of physiologically active rat epididymal adipocytes, Type II-S, 0.5-5.0 FALGPA units/mg solid, ≥125 CDU/mg solid

Product Number: C1764

CAS Number: 9001-12-1

Storage Temperature : Freezer -20°C

		Hepatocyte	Adipocyte	Pancreatic
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C1381	1			
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Test
Specification

Collagen digestion activity. Unit definition: On 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

≥ 125

FALGPA One unit hydrolyzes 1.0 micromole (Furylacryloyl-Leu-Gly-Pro-Ala, F5135) per min at pH 7.5 at 25 deg C in the presence of Calcium ions units/mg Solid

0.5 - 5.0

Caseinase
Units/mg Solid

≥ 10

Clostripain
Units/mg Solid

≥ 0.1

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.

Version Number: PRP.00.ZQ5.1096032

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