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Product Specification

Product Name:  
Collagenase from Clostridium histolyticum – Sigma Blend Type H, ≥1.0 FALGPA units/mg solid

Product Number: C8051  
CAS Number: 9001-12-1

TEST	Specification
Appearance (Color)	Faint Beige to Dark Beige to Dark Brown
Appearance (Form)	Powder
units/mg Solid	≥ 1.0
FALGPA	
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	≥ 10
Caseinase	
One caseinase unit hydrolyzes casein to produce color equivalent to 1.0 micromole of tyrosine per 5 hours at pH 7.5 at 37 deg C (color by folin-ciocalteu reagent)	

Specification: PRE.2.ZQ5.10000010213

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.