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Product Specification

Product Name:

Protease from *Bacillus licheniformis* – Type VIII, lyophilized powder, 7-15 units/mg solid

Product Number:

P5380

CAS Number:

9014-01-1

MDL:

MFCD00132092

Formula Weight:

27,287 g/mol

Storage Temperature:

-20 °C

TEST	Specification
Appearance (Color)	White to Light Yellow and Faint Beige to Light Beige
Appearance (Form)	Powder
units/mg solid	7 - 15
One unit will hydrolyze Casein to produce color equivalent to 1.0 umole (181 ug) of Tyrosine per minute at pH 7.5 at 37 deg C (color by Folin-Ciocalteu Reagent)	
Identity	Conforms
(Consistent with Subtilisin Carlsberg Protease based on Tryptophan content)	
units/mg solid DNase	≤ 5.0
units/mg solid RNase	≤ 0.05
Recommended Retest Period	-----
2 years	

Specification: PRD.2.ZQ5.10000027314

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.

