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## Product Specification

Product Name:

Deoxyribonuclease I from bovine pancreas - Type II, lyophilized powder, Protein  $\geq 80\%$ ,  $\geq 2,000$  units/mg protein

Product Number:

**D4527**

CAS Number:

9003-98-9

MDL:

MFCD00130918

Storage Temperature:

-20 °C

TEST	Specification
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Appearance (Color)

White to Off-White

Appearance (Form)

Powder

Protein by Biuret

 $\geq 80\%$ 

units/mg protein

 $\geq 2000$ 

One Kunitz unit will produce a change in A260 of 0.001 per minute per ml at pH 5.0 at 25 deg C using DNA, Type I or III, as the substrate.

Chymotrypsin

 $\leq 0.01\%$ 

Enzymatic Impurity

Protease

 $\leq 0.005\%$ 

RNAse

 $\leq 0.01\%$ 

Recommended Retest Period

3 Years

Specification: PRD.1.ZQ5.10000032997

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](http://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.