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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	≥ 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. 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.