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Product Specification

Product Name:

Aprotinin from bovine lung - lyophilized powder, 3-8 TIU/mg solid, BioReagent, suitable for cell culture

Product Number: A3428
CAS Number: 9087-70-1
MDL: MFCD00130541
Formula: C284H432N84O79S7
Formula Weight: 6,511.44 g/mol
Storage Temperature: 2 - 8 °C

TEST	Specification
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Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy
5 mg/mL, H ₂ O	
TIU/mg solid	3 - 8
One trypsin inhibitor unit (TIU) will decrease the activity of 2 trypsin units by 50% where one trypsin unit will hydrolyze 1.0 micromole of N-alpha-Benzoyl-DL-Arginine-p-Nitroanilide (BAPNA) per minute at pH 7.8 at 25 deg C.	
Recommended Retest Period	-----
2 years	
Cell Culture Test	Pass

Specification: PRD.1.ZQ5.10000043921

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.