

CERTIFICATE OF ANALYSIS

Aprotinin from bovine lung lyophil.	Cat.No. : 13718
	Contr.No.: 121372

Parameter	Method	Specification	Result
Molecular weight		ca. 6 500	
Appearance		white lyophilisate	corresponds
Solubility	1 mg/ml H ₂ O	clear and colorless	corresponds
Activity (IU/mg)	Trypsin	min. 100	152
Activity in other units:			
(PEU/mg) (dry basis)	Ph.Eur.	min. 3	3.3
(KIU/mg) (dry basis)	PEU x 60 x 32.5	min. 5850	6357
Minimum shelf life			02/ 2016
Storage (°C)			+2 to +8

Unit definition

1 Inhibitor Unit inhibits 1 U Trypsin as defined by cleavage of 1 µmol BAEE (N-benzoyl-L-arginine ethyl ester) per minute at 25°C, pH 8.0.

Unit definition (Ph.Eur.)

1 Ph.Eur. Unit of Aprotinin inhibits 50% of the enzymatic activity of 2 microkatal Trypsin, measured with BAEE as substrate at pH 8.0 and 25°C.
(N-benzoyl-L-arginine ethyl ester) per minute at 25°C, pH 8.0.

**We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.**

SERVA Electrophoresis GmbH
Quality Control

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