

CERTIFICATE OF ANALYSIS

Aprotinin from bovine lung lyophil.	Cat.No. : 13718 Contr.No.: 170538
---	--

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	176
Activity in other units:			
(PEU/mg) (dry basis)	Ph.Eur.	min. 3	3.4
(KIU/mg) (dry basis)	PEU x 60 x 32.5	min. 5850	6120
Minimum shelf life			31.05.2020
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.

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
Printing date: 18.02.2019

Christian Monsler

Daniela Lux-Helmstetter

This report has been computer generated and does not contain a signature.