

Certificate of Analysis

Product: Aprotinin, 250 mg

Reference Number: 5D-62106

Lot Number: 220628-10

Retest Date: 2026-06

Description: Aprotinin lyophilized Powder, Trypsin inhibitor, pancreatic alkaline. Aprotinin is a inhibitor of many serine proteases, including Trypsin, Plasmin, Urokinase, Kallikrein, Factor XIIa, etc. It contains 58 amino acids. It forms stable complexes with these enzymes.

Storage: Store unopened vials at 2-8°C

Presentation: Vial of 250 mg, lyophilized

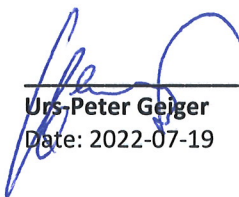
Specifications - Lot specific assay results:

Tests	Results	Specifications
Specific Activity (Trypsin inhibition)	~ 6,250 KIU/mg (~3.50 PEU/mg)	6,000 +/- 1,000 KIU/mg
Appearance	White powder	White powder
Appearance at 15 PEU/ml	Clear solution	Clear solution
Solubility in ware	>50 mg/mL	>50 mg/mL
Visual Inspection	White lyophilized pellet	White lyophilized pellet
pH*	6.23@22.6°C	5.00 to 7.00
Filling Content	250 mg	250 +/- 25 mg
Homogeneity (SDS-PAGE)	1 single band at about 6,500 Da	1 major band at about 6,500 Da
Purity (Gel filtration column)	>95%	>95%
Protein	>95%	>95%
Absorbance at 3 PEU/mL (280nm)	0.664	0.60 to 0.80
Conclusion	Passed	Passed

*Note: Aprotinin is diluted in distilled water; there is no buffering substance; pH can therefore present fluctuations, as the aprotinin solution is not buffered.

For Laboratory Use Only.

Signature:



Urs-Peter Geiger
Date: 2022-07-19