

Certificate of Analysis

Date of Testing: 2024-05-31 11:55:15
Date of Next Testing: 2026-05-21 11:55:15
Product Name: **Aprotinin from bovine lung**
CAS Number: 9087-70-1
Specifications & Purity: 3-8 TIU/mg
Lot #: I2216078
SKU #: **A105534**
Version: **1**
Analysis #: **363142**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Loss on drying | 0-6 (%) | 3.70% |
| Activity | 3-8 (TIU/mg OR T.I.U./mg) | 3.40000 TIU/mg OR T.I.U./mg |
| Appearance (A105534) | White or off-white lyophilized powder | White or off-white lyophilized powder |
| Appearance (solution) | passes test | Passes test |
| Abnormal toxicity | Conforms | Conforms |
| Absorbance at 277nm | ≤0.80 at 277nm | ≤0.80 at 277nm |
| Bacterial endotoxins | pass | Pass |
| Histamine | pass | Pass |
| Identification | pass | Pass |
| Protein impurities of higher molecular mass. | Complies | complies |
| Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy,5mg/ml | pass | Pass |



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