

Certificate of Analysis

PRODUCT: **Bestatin, HCl (synthetic)**
Aminopeptidase inhibitor; [(2S,3R)-3-Amino-2-hydroxy-4-phenylbutanoyl]-L-leucine. HCl; NK-421],
C₁₆H₂₄N₂O₄.HCl, M.W. 344.8, CAS# [65391-42-6]

PRODUCT NUMBER: B-1075

LOT NUMBER: K1298J (Same as Mother Lot# K1298)

APPEARANCE: White powder

	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
SOLUBILITY:	Clear to slightly hazy 10mg/ml in H ₂ O Up to 20mg/ml in HCl Up to 5mg/ml in MeOH	Conforms

PURITY (HPLC, 220nm):	≥98%	≥99%
ELEMENTAL ANALYSIS: <i>*Theoretical</i>	C: 54.6% - 56.9%* H: 7.31%* N: 8.0% - 8.3%* Cl: 10.0% - 10.6%*	C: 55.6% H: 7.2% N: 8.1% Cl: 10.2%

WATER CONTENT (KF): ≤6.0% Conforms

COUNTRY of ORIGIN: Germany

STORAGE & HANDLING: Store desiccated at -20°C. **PROTECT FROM LIGHT!**
CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS