

CERTIFICATE OF ANALYSIS

PRODUCT: **AEBSF . HCl**
Serine protease inhibitor; [4-(2-Aminoethyl)-benzene sulfonyl fluoride . HCl]
C₈H₁₀FNO₂S·HCl, M.W. 239.69, CAS# [30827-99-7]

PRODUCT NUMBER: A-1018

LOT NUMBER: J1257B

APPEARANCE: White to off-white powder

SOLUBILITY: Clear colorless solution@ 50mg/ml in H₂O

| | <u>SPECIFICATIONS</u> | <u>RESULTS</u> |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------|
| PURITY (HPLC, 220nm): | ≥ 98% | 99.7% |
| ELEMENTAL ANALYSIS: (as hydrochloride) | C: 40.09% (Theoretical) H: 4.63% (Theoretical) N: 5.84% (Theoretical) | C: 40.0% H: 4.7% N: 5.8% |
| MELTING POINT: | 183°C ± 2°C | 183.6°C |
| WATER CONTENT (K.F.): | ≤ 1.0% | Conforms |
| IDENTIFICATION (¹H-NMR): | Consistent with structure | |
| COUNTRY of ORIGIN: | EU | |
| STORAGE & HANDLING: | Store desiccated at -20°C. <i>WARNING: HARMFUL!</i> PROTECT FROM LIGHT & MOISTURE! | |

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: KS