

Certificate of Analysis

Date of Testing: 2023-05-11 14:03:53
Date of Next Testing: 2025-04-30 14:03:53
Product Name: **Leupeptin hemisulfate salt**
CAS Number: 103476-89-7
Specifications & Purity: $\geq 90\%$ (HPLC)
Lot #: H2111398
SKU #: **L111765**
Analysis: 221914
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	6.50 %
Purity(HPLC)	90-100 (%)	95.55000 %
Chloride Content	0-1 (%)	0.55 %
Sulfate(SO ₄ ²⁻)	7-12 (%)	8.85 %
Peptide content(Amino Acid Analysis)	80-100 (%)	89.85 %
Appearance (L111765)	White Solid	White Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless to Faint Yellow,Clear ,50 mg/ml, H ₂ O	pass	Pass
Test as a protease inhibitor	Pass	Pass



John Su
QA & QC Manager