

## Certificate of Analysis

Date of Testing: 2024-09-06 17:36:04  
Date of Next Testing: 2026-08-27 17:36:04  
Product Name: **Leupeptin hemisulfate salt**  
CAS Number: 103476-89-7  
Specifications & Purity:  $\geq 90\%$ (HPLC)  
Lot #: I2403507  
SKU #: **L111765**  
Version: **1**  
Analysis #: **402020**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	90.26000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (L111765)	White Solid	White Solid
Solubility,Colorless to Faint Yellow,Clear ,50 mg/ml, H2O	pass	Pass
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager