

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-25 10:23:40  
Date of Next Testing: 2026-04-15 10:23:40  
Product Name: **Pepstatin**  
CAS Number: 26305-03-3  
Specifications & Purity:  $\geq 75\%$  (HPLC)  
Lot #: D2419556  
SKU #: **P113168**  
**Analysis:** **337856**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.58 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.83 %
Purity(HPLC)	75-100 (%)	95.40800 %
Specific Rotation $[\alpha]_{20}^D$ ( $c=0.288$ in MeOH:AcOH (75:25))	$-102.5--83.5$ ( $^{\circ}$ )	$-101.30$ $^{\circ}$
Appearance (P113168)	White to Light Beige Powder	White to Light Beige Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH/HOAc (9/1)	Colorless , Clear to Hazy,1 mg/mL	Colorless , Clear to Hazy,1 mg/mL



John Su  
QA & QC Manager