

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-31 14:03:48

Date of Next Testing: 2025-10-20 14:03:48

 Product Name: **Pepstatin**

CAS Number: 26305-03-3

 Specifications & Purity:  $\geq 75\%$  (HPLC)

Lot #: J2326478

 SKU #: **P113168**

 Analysis: **283315**

 Storage Temperature: Store at  $-20^{\circ}\text{C}$ 

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.06 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.60 %
Specific Rotation $[\alpha]_{20/D} (c=0.288 \text{ in MeOH:AcOH (75:25)})$	-102.5--83.5 ( $^{\circ}$ )	-83.80 $^{\circ}$
Purity(HPLC)	75-100 (%)	78.17000 %
Appearance (P113168)	White to Light Beige Powder	White to Light Beige Powder
Solubility in EtOH/HOAc (9/1)	Colorless , Clear to Hazy,1 mg/mL	Colorless , Clear to Hazy,1 mg/mL
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



 John Su  
 QA & QC Manager