

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-15 15:59:54

Date of Next Testing: 2025-06-04 15:59:54

 Product Name: **Pepstatin**

CAS Number: 26305-03-3

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

Lot #: F2310487

 SKU #: **P113168**
**Analysis:** **227989**

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

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.52 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.87 %
Specific Rotation $[\alpha]_{20}^D$ ( $c=0.288$ in MeOH:AcOH (75:25))	-102.5--83.5 ( $^{\circ}$ )	-100.60 $^{\circ}$
Purity(HPLC)	75-100 (%)	99.77300 %
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