

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-09 17:15:03

Date of Next Testing: 2024-12-29 17:15:03

 Product Name: **Pepstatin**

CAS Number: 26305-03-3

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

Lot #: L2206598

 SKU #: **P113168**

 Analysis: **147994**

 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	220-240 ($^{\circ}\text{C}$)	236.20000 $^{\circ}\text{C}$
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	9.84 %
Carbon by Elemental Analysis	58.3-60.7 (%)	58.86 %
Purity(HPLC)	75-100 (%)	99.12200 %
Specific Rotation $[\alpha]_{20/D} (c=0.288 \text{ in MeOH:AcOH (75:25)})$	$-102.5--83.5 (^{\circ})$	-84.98°
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