

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 08:56:32

Date of Next Testing: 2025-01-30 08:56:32

Product Name: **Pepstatin**

CAS Number: 26305-03-3

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

Lot #: E2110113

SKU #: **P113168****Analysis: 185549**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	75-100 (%)	97.00000 %
Melting point	220-240 ($^{\circ}\text{C}$)	230.60000 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20}^D$ ($c=0.288$ in MeOH:AcOH (75:25))	-102.5--83.5 ($^{\circ}$)	-91.10 $^{\circ}$
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.30 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.30 %
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