

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-01-10 09:46:22
Date of Next Testing: 2024-12-30 09:46:22
Product Name: **Pepstatin**
CAS Number: 26305-03-3
Specifications & Purity: $\geq 75\%$ (HPLC)
Lot #: L2206567
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 (%)	9.83500 %
Carbon by Elemental Analysis	58.3-60.7 (%)	58.86000 %
Purity(HPLC)	75-100 (%)	99.12200 %
Specific Rotation $[\alpha]_{20/D} (c=0.288 \text{ in MeOH:AcOH (75:25)})$	-102.5--83.5 ($^{\circ}$)	-84.97800 $^{\circ}$
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