

Certificate of Analysis

Date of Testing: 2023-08-10 09:33:40

Date of Next Testing: 2025-07-30 09:33:40

Product Name: **Pepstatin**

CAS Number: 26305-03-3

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

Lot #: K21171172

SKU #: **P113168**

Analysis: 262269

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	75-100 (%)	98.50000 %
Specific Rotation $[\alpha]_{20}^D$ (c=0.288 in MeOH:AcOH (75:25))	-102.5--83.5 ($^{\circ}$)	-90.50 $^{\circ}$
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.06 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.35 %
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