

Certificate of Analysis

Date of Testing: 2023-10-31 14:08:03
 Date of Next Testing: 2025-10-20 14:08:03
 Product Name: **Pepstatin**
 CAS Number: 26305-03-3
 Specifications & Purity: $\geq 75\%$ (HPLC)
 Lot #: J2326477
 SKU #: **P113168**
Analysis: **283315**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.06 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.60 %
Specific Rotation $[\alpha]_{20}^D$ ($c=0.288$ in MeOH:AcOH (75:25))	-102.5--83.5 ($^{\circ}$)	-83.80 $^{\circ}$
Purity(HPLC)	75-100 (%)	78.17000 %
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