

Certificate of Analysis

Date of Testing: 2023-06-15 15:58:48
Date of Next Testing: 2025-06-04 15:58:48
Product Name: **Pepstatin**
CAS Number: 26305-03-3
Specifications & Purity: $\geq 75\%$ (HPLC)
Lot #: F2310480
SKU #: **P113168**
Analysis: **227989**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.52 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.87 %
Specific Rotation $[\alpha]_{20}^D$ ($c=0.288$ in MeOH:AcOH (75:25))	-102.5--83.5 ($^{\circ}$)	-100.60 $^{\circ}$
Purity(HPLC)	75-100 (%)	99.77300 %
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



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QA & QC Manager