

Certificate of Analysis

Date of Testing: 2024-04-29 17:02:15
Date of Next Testing: 2026-04-19 17:02:15
Product Name: **Pepstatin**
CAS Number: 26305-03-3
Specifications & Purity: $\geq 75\%$ (HPLC)
Lot #: D2419554
SKU #: **P113168**
Analysis: **337856**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.58 %
Carbon by Elemental Analysis	58.3-60.7 (%)	59.83 %
Purity(HPLC)	75-100 (%)	95.40800 %
Specific Rotation $[\alpha]_{20/D} (c=0.288 \text{ in MeOH:AcOH (75:25)})$	$-102.5--83.5 (^{\circ})$	-101.30°
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