

## Certificate of Analysis

Date of Testing:	2023-04-10 13:05:00
Date of Next Testing:	2025-03-30 13:05:00
Product Name:	<b>Pepstatin</b>
CAS Number:	26305-03-3
Specifications & Purity:	≥75% (HPLC)
Lot #:	C2331045
SKU #	<b>P113168</b>
<b>Analysis:</b>	<b>147994</b>
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Melting point	220-240 (°C)	236.20000 °C
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	9.84 %
Carbon by Elemental Analysis	58.3-60.7 (%)	58.86 %
Purity(HPLC)	75-100 (%)	99.12200 %
Specific Rotation [α] <sub>20</sub> /D((c=0.288 in MeOH:AcOH (75:25))	-102.5--83.5 (°)	-84.98 °
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