

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-03-31 17:03:19
Date of Next Testing:	2024-03-20 17:03:19
Product Name:	Pepstatin
CAS Number:	26305-03-3
Specifications & Purity:	≥75% (HPLC)
Lot #:	C2228036
SKU #	P113168
Analysis:	074952
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Melting point	220-240 (°C)	239.57000 °C
Nitrogen by Elemental Analysis(As-is basis)	9.2-11 (%)	10.10%
Carbon by Elemental Analysis	58.3-60.7 (%)	59.80%
Purity(HPLC)	75-100 (%)	99.15900 %
Specific Rotation [α] ₂₀ /D((c=0.288 in MeOH:AcOH (75:25))	-102.5--83.5 (°)	-83.51 °
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