

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-15 16:02:21
 Date of Next Testing: 2025-06-04 16:02:21
 Product Name: **Pepstatin**
 CAS Number: 26305-03-3
 Specifications & Purity: $\geq 75\%$ (HPLC)
 Lot #: F2310491
 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 |



John Su
QA & QC Manager