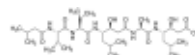


Product Specification

Product Name:
Pepstatin A - microbial, $\geq 90\%$ (HPLC)

Product Number: **P5318**
CAS Number: 26305-03-3



Formula: C₃₄H₆₃N₅O₉
Formula Weight: 685.89 AMU

| TEST | Specification |
|------|---------------|
|------|---------------|

| | |
|--------------------------------------------|-----------------------|
| Appearance (Form) | Powder |
| Appearance (Colour) | White to Off White |
| Solubility (Color) | Colorless |
| Solubility (Turbidity) | Clear to Hazy |
| 1 mg/mL, EtOH:HOAc (9:1) | |
| Infrared Spectrum | Conforms to Structure |
| Water (by Karl Fischer) | $\leq 3.5\%$ |
| Carbon (Anhydrous) | 58.3 - 60.7 % |
| Nitrogen (Anhydrous) | 9.5 - 11.0 % |
| Specific Rotation | -102.5 - -83.5 ° |
| C = 0.288 in MeOH:HOAc (75:25) at 25 deg C | |
| Purity (HPLC) | $\geq 90.0\%$ |
| Recommended Retest Period | ----- |
| 3 Years | |

Specification: PRE.0.ZQ5.10000021175

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

