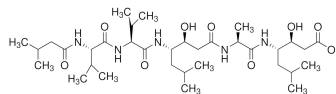


Certificate of Analysis

Product Name : Pepstatin A microbial, $\geq 75\%$ (HPLC)
Product Number : P4265-1MG
Batch Number : 0000445546
Source Batch : 0000252696
CAS Number : 26305-03-3
MDL Number : MFCD00060740
Storage Temperature : +2°C to +8°C
Molecular Formula : C₃₄H₆₃N₅O₉
Formula Weight : 685.89 g/mol
Recommended Retest Date : Jan 2027
Quality Release Date : 07 Mar 2023



Test	Specification	Result
Appearance (Form)	Powder	Powder
Appearance (Color)	White to Faint Beige	Faint Beige
Solubility (Turbidity)	Clear to Hazy	Clear
1 mg/mL, EtOH:HOAc (9:1)		
Solubility (Heating)	Yes or No	No
Solubility (Color)	Colorless	Colorless
Infrared Spectrum	Conforms to Structure	Conforms
Carbon	58.3 - 60.7 %	58.6 %
As-is basis		
Nitrogen	9.2 - 11.0 %	10.2 %
As-is basis		
Specific Rotation	-102.5 - -83.5 °	-91.4 °
c=0.288 in MeOH:HOAc (75:25) at 25 deg C		
Purity (HPLC)	$\geq 75\%$	93 %

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1225747

Page 1 of 2



Product P4265-1MG
Batch 0000445546



Anna Bendersky, Quality Control Manager
Quality Control
Israel
IL

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Page 2 of 2

