

Certificate of Analysis

Product Name : Enniatin B from Gnomonia errabunda, ≥95% (HPLC)
Product Number : E5411-1MG
Batch Number : 0000453961
 Source Batch : 0000416831
 CAS Number : 917-13-5
 MDL Number : MFCD00236425
 Storage Temperature : -20°C
 Molecular Formula : C₃₃H₅₇N₃O₉
 Formula Weight : 639.82 g/mol
 Recommended Retest Date : Feb 2028
 Quality Release Date : 11 Feb 2025

Test	Specification	Result
Appearance (Form)	Powder	Powder
Appearance (Color)	White	White
Solubility (Solvent)	Dimethylsulfoxide	Dimethylsulfoxide
Solubility (Conc)	0.95 - 1.05 mg/mL	1.00 mg/mL
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Colorless	Colorless
Purity (HPLC)	≥ 95.00 %	96.45 %
NMR (Solvent)	CD3OD	CD3OD
Identity by NMR	Consistent	Consistent with Structure
NMR (Residual Solvent 1)	Ethylacetate	Ethylacetate
NMR (% Solvent 1)	≤ 1.00 %	0.00 %
NMR (Residual Solvent 2)	Acetonitrile	Acetonitrile
NMR (% Solvent 2)	≤ 1.00 %	0.00 %
NMR (Total % Resid.Solvents)	≤ 1.00 %	0.00 %

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



Product E5411-1MG
Batch 0000453961



Anna Bendersky, Quality Control Manager
Quality Control
Israel
IL

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