

Certificate of Analysis

Product Name : Bacitracin from Bacillus licheniformis, ≥65 IU/mg
Product Number : B0125-250KU
Batch Number : 0000368622
Source Batch : N1235.24
CAS Number : 1405-87-4
MDL Number : MFCD00062640
Storage Temperature : +2°C to +8°C
Molecular Formula : C₆₆H₁₀₃N₁₇O₁₆S
Formula Weight : 1422.69 g/mol
Expiry Date : Dec 2026
Quality Release Date : 05 Jun 2024

Test	Specification	Result
Certificate of Analysis (Full COA review for Glentham)	Conforms	Conforms
Certificate of Origin	Conforms	Conforms
Released by	Expiration Date	Expiration Date
Identification by IR SOP: 20741609 (0.2G in vacuum 24h 25°C <7mbar)	Conforms	Conforms
Method Notes tests for B0125 and 11702	-----	-----
Appearance (Color) White to Off White to Yellow to pale buff	Conforms	Conforms
Appearance (Form)	Powder	Powder
Microbial Assay (USP) (dried basis) IU/mg	≥ 65	78
Identification (HPLC, USP)- Composition of Bacitracin	Conforms	Conforms
Loss on Drying	≤ 5.0 %	0.2 %
Residue on Ignition	≤ 0.5 %	0.1 %
Method Notes tests for B0125	-----	-----
Bacitracin A	≥ 40.0 %	70.1 %

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

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Batch 0000368622

Sum of Bacitracin A,B1,B2,B3	≥ 70.0 %	88.2 %
Managed by	Expiration Date	Expiration Date
Results Provided by Supplier	-----	-----
Shelf Life Defined by Supplier	-----	-----
Handled & Packed Under ISO9001	-----	-----



Anna Bendersky, Quality Control Manager
Quality Control
Israel
IL

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