

Certificate of Analysis

Product Name : Cefazolin sodium salt 89.1-110.1%
Product Number : C5020-100MG
Batch Number : 0000451282
Source Batch : AZ270225
CAS Number : 27164-46-1
MDL Number : MFCD00056883
Storage Temperature : +2°C to +8°C
Molecular Formula : C₁₄H₁₃N₃NaO₄S₃
Formula Weight : 476.49 g/mol
Expiry Date : Oct 2027
Quality Release Date : 22 Apr 2025

Test	Specification	Result
Appearance (Form)	Powder	Powder
Appearance (Color)	Conforms	Conforms
White to Off-White		
Infrared Spectrum	Conforms	Conforms
Conforms to Structure		
Water (by Karl Fischer)	≤ 6.0 %	1.3 %
Assay	89.1 - 110.1 %	98.4 %
(USP) (Anhydrous Basis)		
Related Substances	≤ 3.5 %	0.5 %
Total impurities		
Results Provided by Supplier	-----	-----
Shelf Life Defined by Supplier	-----	-----
Handled & Packed Under ISO9001	-----	-----
Released by	Expiration Date	Expiration Date

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 0000451282



Anna Bendersky, Quality Control Manager
Quality Control
Israel
IL

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