



CERTIFICATE OF ANALYSIS

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1. Identification

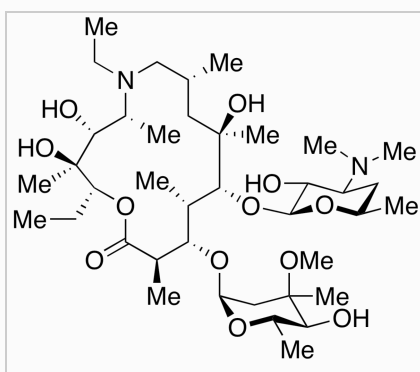
Catalogue Number: A927010

CAS Number: 92594-45-1

Product: Azithromycin N-Ethyl

Synonym: [2R-(2R*,3S*,4R*,5R*,8R*,10R*,11R*,12S*,13S*,14R*)]-13-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- α -L-ribo-hexopyranosyl)oxy]-2,6-diethyl-3,4,10-trihydroxy-3,5,8,10,12,14-hexamethyl-11-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylo-hexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-15-one; Azithromycin N-ethyl

Structure:



Molecular Formula:

C₃₉H₇₄N₂O₁₂

Molecular weight:

763.01

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 14-XDD-17-2

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	96.74% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-47.2° (c = 0.5, Methanol)

Additional Information:

Contains: ~1.5% Dichloromethane

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm$ 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Meenakshi Sharma

Reviewed By

Toni Rantanen

C of A Approved By Test Date

Christina Gouliaras

6/7/2021

Retest Date

6/5/2025