

## Certificate of Analysis

**Catalogue Number**

KL-02-02652

**Lot Number**

KLAH00040

**Product Name**

Azithromycin EP Impurity O

**Synonyms**

2-Desethyl-2-propylazithromycin

**CAS Number**

763924-54-5

**Molecular Formula**
 $C_{39}H_{74}N_2O_{12}$ 
**Molecular Weight**

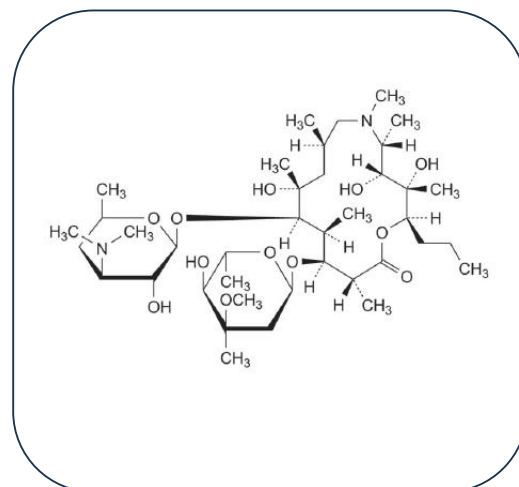
763.01 g/mol

**Mfg. Date**

23-10-2024

**Re-Test Date**

22-10-2027

**Structure**

**Shipping Condition**

All Product are stable to be shipped at room temperature, unless otherwise specified.

**Long Term Storage Conditions**

2°C ~ 8°C Protected from light and Sealed

**Analytical Information**

Appearance of Product	: Off-White Solid	Purity by HPLC	: 96.93%
Solubility	: MeOH: ACN	Potency	: 96.54%
$^1\text{H}$ NMR	: Confirm	Mass	: Confirm
IR Analysis	: Confirm	Weight Content By TGA	: 0.049%
Residue of Ignition	: 0.345%		


 Approved By B Kishore

Note: Use for research &amp; analytical purpose only. Not for human consumption