## **Certificate of Analysis**

## **Telithromycin**

Cat. No.: HY-A0062
CAS No.: 191114-48-4
Batch No.: 23293

Chemical Name: 2H-Oxacyclotetradecino[4,3-d]oxazole-2,6,8,14(1H,7H,9H)-tetrone, 4-ethyloctahydro-11-metho

xy-3a,7,9,11,13,15-hexamethyl-1-[4-[4-(3-pyridinyl)-1H-imidazol-1-yl]butyl]-10-[[3,4,6-trideoxy-3

-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-, (3aS,4R,7R,9R,10R,11R,13R,15R,15aR)-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:MolecularFormula:} Molecular Formula: $C_{43}H_{65}N_5O_{10}$$  Molecular Weight: \$12.00

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.34%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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