## **Certificate of Analysis**

## Lexithromycin

Cat. No.: HY-105932
CAS No.: 53066-26-5
Batch No.: 281221

**Chemical Name:** Erythromycin, 9-(O-methyloxime)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{38}H_{70}N_2O_{13}$ Molecular Weight: 762.97

Storage: -20°C, sealed storage, away from moisture and light

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 97.57%

**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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