# **Certificate of Analysis**

## 15-Crown-5

Cat. No.: HY-W007451 CAS No.: 33100-27-5 Batch No.: 251855

**Chemical Name:** 1,4,7,10,13-Pentaoxacyclopentadecane

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{20}O_5$ 220.26 Molecular Weight:

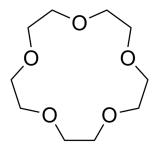
Storage: Pure form -20°C 3 years

> 2 years  $4^{\circ}C$

-80°C In solvent 6 months

-20°C 1 month

#### **Chemical Structure:**



#### ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

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

Purity (GC): 99.81% Water(KF): 0.09%

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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