## **Certificate of Analysis**

## L-Tryptophan-d<sub>5</sub>

Cat. No.: HY-N0623S
CAS No.: 62595-11-3
Batch No.: 232600

Chemical Name: L-Tryptophan-2,4,5,6,7-d5

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{11}H_7D_5N_2O_2$ Molecular Weight: 209.26

**Storage:** 4°C, protect from light, stored under nitrogen

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.85%
Isotopic Enrichment: 99.75%

**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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