## **Certificate of Analysis**

## 2'-Deoxyguanosine monohydrate

Cat. No.: HY-D0185 CAS No.: 312693-72-4 Batch No.: 29137

**Chemical Name:** Guanosine, 2'-deoxy-, hydrate (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{15}N_5O_5$ 285.26 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

HO NH NH<sub>2</sub>

$$H_{2}O$$

## ANALYTICAL DATA

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.70%

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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