## **Certificate of Analysis**

## 1,3-Diphenylguanidine

 Cat. No.:
 HY-W014332

 CAS No.:
 102-06-7

 Batch No.:
 309479

Chemical Name: Guanidine, N,N'-diphenyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{13}N_3$  Molecular Weight: 211.26

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

 Purity (HPLC):
 99.37%

 Water(KF):
 0.11%

 Residue on Ignition:
 0.05%

**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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