

Certificate of Analysis

Metformin

 Cat. No.:
 HY-B0627

 CAS No.:
 657-24-9

 Batch No.:
 430458

Chemical Name: Imidodicarbonimidic diamide, N,N-dimethyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_{11}N_5$ Molecular Weight: 129.16

Storage: -20°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:

$$\begin{array}{c|c} NH & NH \\ \hline N & N \\ N & NH_2 \end{array}$$

ANALYTICAL DATA

Appearance: White to light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.98%

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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