Certificate of Analysis

N-Hydroxysuccinimide

Cat. No.: HY-Y0623
CAS No.: 6066-82-6
Batch No.: 146827

Chemical Name: 2,5-Pyrrolidinedione, 1-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_5NO_3$ Molecular Weight: 115.09

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$O \bigvee_{N} O$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

 Purity (HPLC):
 99.76%

 Water(KF):
 0.06%

 Residue on Ignition:
 0.01%

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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