



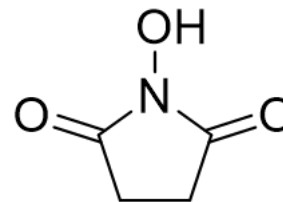
1. Identification

Catalogue Number

H953585

Lot Number

711999832-2-1

StructureProduct Name

N-Hydroxysuccinimide

Synonyms

1-Hydroxy-2,5-pyrrolidinedione; N-Hydroxy-2,5-dioxopyrrolidine; 1-Hydroxysuccinimide; NSC 74335; NHS

CAS Number

6066-82-6

Solubility

DMSO (Sparingly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_4H_5NO_3$ Source of Product

N/A

Long Term Storage Conditions

20°C

Molecular Weight

115.09

Purity

>99%

2. Warnings

Not Determined

3. Analytical Information

| <u>Tests</u> | <u>Specifications</u> | <u>Results</u> |
|--------------------|--------------------------|--------------------------------|
| Appearance | White to Off-White Solid | Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| C NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 41.90, %H: 4.13, %N: 12.17 |
| HPLC Purity | Report Result | 99.94% (220 nm) |
| MS | Conforms to Structure | Conforms |

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| <u>Reviewed by</u> | <u>Reviewed by</u> | <u>C of A Approved by</u> | <u>Test Date</u> | <u>Retest Date</u> |
|----------------------------|----------------------------|-----------------------------|------------------|--------------------|
| | | | 8/22/2024 | 8/20/2028 |
| Swathi Reddy | Toni Rantanen | Chanell Chu | | |
| Product Quality Specialist | Manager, Quality Assurance | Quality Assurance Associate | | |