Certificate of Analysis

Trimethylamine N-oxide (dihydrate)

Cat. No.: HY-108915 CAS No.: 62637-93-8 Batch No.: 324431

Chemical Name: Methanamine, N,N-dimethyl-, N-oxide, dihydrate (9CI)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_3H_{13}NO_3$ Molecular Weight: 111.14

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:



 $2H_2O$

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (NMR): ≥98.0%

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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