Certificate of Analysis

3-Hydroxyisobutyric acid

Cat. No.: HY-113126
CAS No.: 2068-83-9
Batch No.: 284371

Chemical Name: Propanoic acid, 3-hydroxy-2-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_8O_3$ Molecular Weight: 104.10

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥96.0%

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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