## **Certificate of Analysis**

## 3,3-Dimethylglutaric acid

Cat. No.: HY-W008097 CAS No.: 4839-46-7 Batch No.: 81647

**Chemical Name:** Pentanedioic acid, 3,3-dimethyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_7H_{12}O_4$ Molecular Weight: 160.17

Storage: Powder -20°C 3 years

> 2 years  $4^{\circ}C$

In solvent -80°C 6 months

> 1 month -20°C

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid) <sup>1</sup>H NMR Spectrum: 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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