# **Certificate of Analysis**

## 3-Hydroxybutyric acid (sodium)

Cat. No.: HY-W010452 CAS No.: 150-83-4 Batch No.: 347143

**Chemical Name:** Butanoic acid, 3-hydroxy-, sodium salt (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>7</sub>NaO<sub>3</sub> Molecular Weight: 126.09

Storage: 4°C, sealed storage, away from moisture

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

White to off-white (Solid) Appearance: <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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