

## **Certificate of Analysis**

## D-Mannuronic acid (sodium)

Cat. No.: HY-N7703 CAS No.: 921-56-2 Batch No.: 278276

**Chemical Name:** D-Mannuronic acid, sodium salt (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>6</sub>H<sub>9</sub>NaO<sub>7</sub> Molecular Weight: 216.12

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**

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

Purity (HPLC): 99.25%

The product has been tested and complies with the given specifications. Conclusion:

Caution: Product has not been fully validated for medical applications. For research use only.

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