Certificate of Analysis

L-Tetraguluronic acid

Cat. No.: HY-N7701B CAS No.: 149511-37-5 Batch No.: 135122

Chemical Name: α -L-Gulopyranuronic acid, $O-\alpha$ -L-gulopyranuronosyl- $(1\rightarrow 4)-O-\alpha$ -L-gulopyranuronosyl- $(1\rightarrow 4)-O-\alpha$ -

L-gulopyranuronosyl-(1→4)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{34}O_{25}$ **Molecular Weight:** 722.51

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: Off-white to light yellow (Solid)

¹ H 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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