## **Certificate of Analysis**

## Saikosaponin E

Cat. No.: HY-N4211 CAS No.: 64340-44-9 Batch No.: 138675

**Chemical Name:**  $\beta\text{-D-Galactopyranoside}, (3\beta,16\beta)\text{-}13,28\text{-epoxy-}16\text{-hydroxyolean-}11\text{-en-}3\text{-yl}\ 6\text{-deoxy-}3\text{-O-}\beta\text{-D-gluc}$ 

opyranosyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{42}H_{68}O_{12}$ **Molecular Weight:** 764.98

4°C, protect from light Storage:

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**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): 99.80%

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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