

## **Certificate of Analysis**

## **Theasaponin E2**

Cat. No.: HY-N12153
CAS No.: 220114-30-7
Batch No.: 315829

Chemical Name: β-D-Glucopyranosiduronic acid, (3β,4α,16α,21β,22α)-28-(acetyloxy)-16,22-dihydroxy-21-[[(2Z)-2

-methyl-1-oxo-2-buten-1-yl]oxy]-23-oxoolean-12-en-3-yl O-β-D-galactopyranosyl-(1→2)-O-[O-β-

D-xylopyranosyl- $(1\rightarrow 2)$ - $\alpha$ -L-arabinopyranosyl- $(1\rightarrow 3)$ ]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{59}H_{90}O_{27}$ Molecular Weight: 1231.33

Storage: 4°C, protect from light

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

**Chemical Structure:** 

HO HO OH HO OH OH OH OH OH

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity: ≥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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