## **Certificate of Analysis**

## Ginsenoside Rd

Cat. No.: HY-N0043
CAS No.: 52705-93-8
Batch No.: 121385

Chemical Name: β-D-Glucopyranoside, (3β,12β)-20-(β-D-glucopyranosyloxy)-12-hydroxydammar-24-en-3-yl 2-O-

β-D-glucopyranosyl-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:c48} \begin{array}{ll} \mbox{Molecular Formula:} & \mbox{$C_{48}$H}_{82}\mbox{$O_{18}$} \\ \mbox{Molecular Weight:} & \mbox{947.15} \end{array}$ 

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity (HPLC): 98.07%

**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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