## **Certificate of Analysis**

## Berberine (chloride)

 Cat. No.:
 HY-18258

 CAS No.:
 633-65-8

 Batch No.:
 114010

Chemical Name: Benzo[g]-1,3-benzodioxolo[5,6-a]quinolizinium, 5,6-dihydro-9,10-dimethoxy-, chloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_{18}CINO_4$  Molecular Weight: 371.81

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent : -80°C, 1 year; -20°C, 6 months (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.66%

**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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