**Certificate of Analysis** 

Cat. No.: HY-N1973 CAS No .: 37271-17-3 Batch No.: 143878

**Chemical Name:** [9,9'-Bianthracene]-2-carboxylic acid, 5,5'-bis(\(\beta\)-D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4

'-dihydroxy-2'-(hydroxymethyl)-10,10'-dioxo-, (9R,9'S)-rel-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{42}H_{40}O_{19}$ **Molecular Weight:** 848.76

Storage: 4°C, sealed storage, away from moisture and light

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

**Chemical Structure:** 

Sennoside D

## **ANALYTICAL DATA**

Light yellow to brown (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 98.36%

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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