

---

**Certificate of Analysis**

---

Product Name: Sennoside D  
Cat. No.: GN10303  
Batch No.: 1  
Chemical Name: 4-hydroxy-9-[4-hydroxy-2-(hydroxymethyl)-10-oxo-5-[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-9H-anthracen-9-yl]-10-oxo-5-[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-9H-anthracene-2-carboxylic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 37271-17-3  
Molecular Formula:  $C_{42}H_{40}O_{19}$   
Molecular Weight: 848.76  
Storage:  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA