

Galangin

CERTIFICATE OF ANALYSIS

BBP No.: BBP00304

CAS No.: 548-83-4

Chemical Name: Galangin

Molecular Formula: C₁₅H₁₀O₅

Structure:

Purity: 98%

Appearance: Yellow powder

Solvent: Dimethyl sulfoxide, methanol

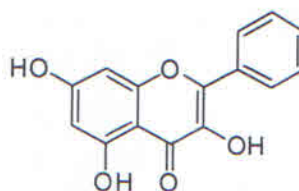
Exact Weight: 10.1 mg

Storage: Store in a dark place under the temperature of 0-4 °C

Intended Use: For laboratory use only

Reference: V. A. Facundo, et al., Biochem. System. Ecol., 2003, 31, 111-113

Warm Notice: When publishing, please cite as: chemical name was purchased from BioBioPha Co., Ltd. (Kunming, China)



Characterization Data Summary

Analytical Test	Results
Identification by ¹ H-NMR	Consistent with the above structure
Purity tested by HPLC, ¹ H-NMR	98%

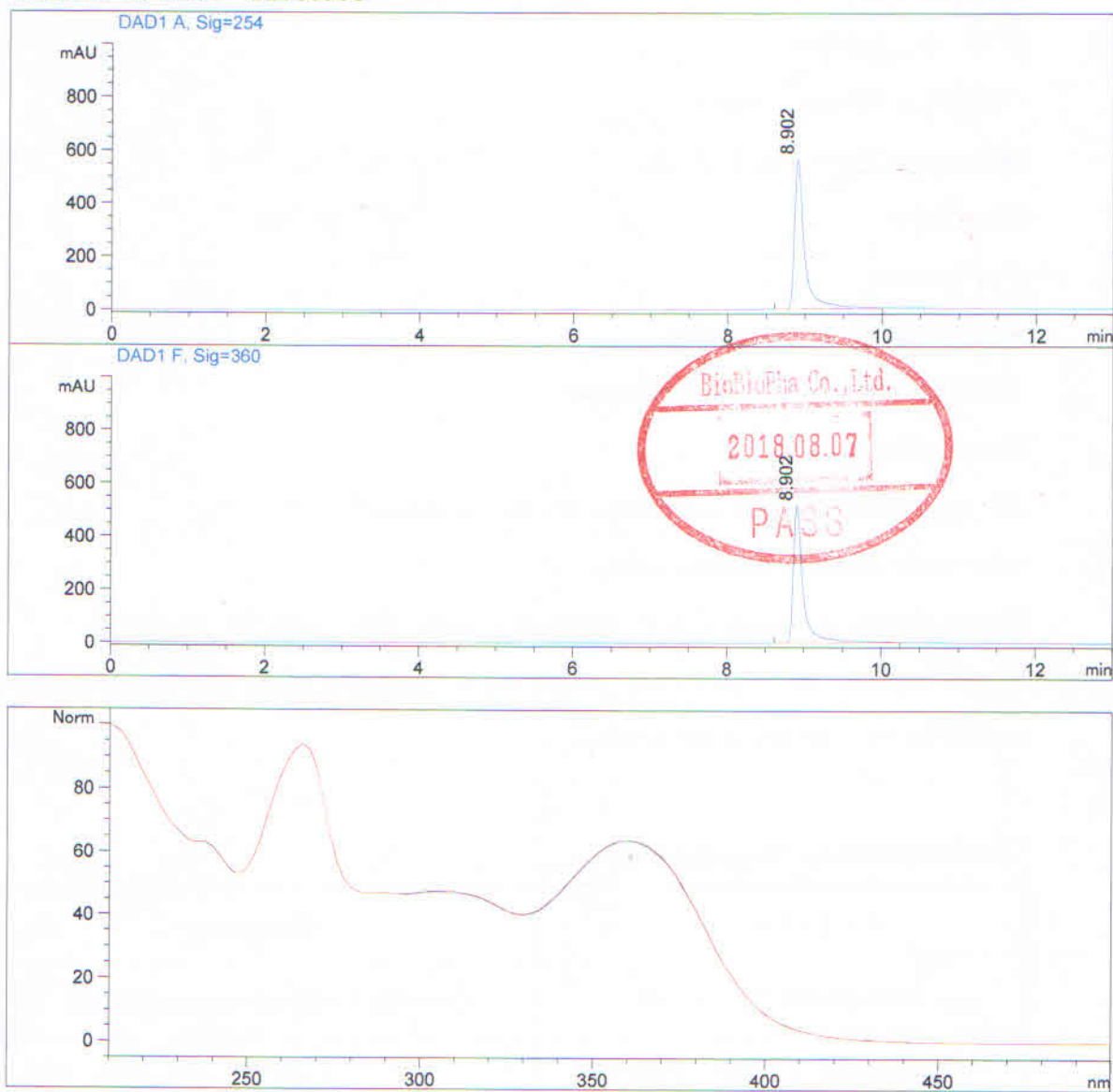
Authorized Signature:

Date:



PRODUCT QUALITY REPORT

Product Number: BBP00304



Agilent 1200 series HPLC system

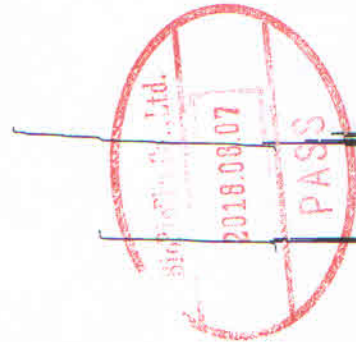
Thermo Hypersil BDS C18 column (5 μ m, 4.6 \times 150 mm)

20% \rightarrow 100% MeOH in H₂O over 8.0 min followed by 100% MeOH to 13.0 min

1.0 ml/min, 20°C

DMSO- d_6 , 500 MHz

12.356
10.870
9.676
8.153
8.150
8.135
7.559
7.544
7.541
7.529
7.502
7.488
6.462
6.458
6.206
6.202
2.490



1.01
0.81
0.83
2.02
3.00
1.00
1.00

12.5 12.0 11.5 11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5

δ (ppm)