

1,6,7-Trihydroxyxanthone

CERTIFICATE OF ANALYSIS

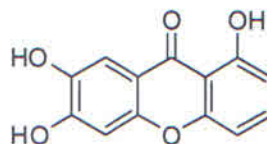
BBP No.: BBP02071

CAS No.: 25577-04-2

Chemical Name: 1,6,7-Trihydroxyxanthone

Molecular Formula: C₁₃H₈O₅

Structure:



Purity: 98%

Appearance: Yellow powder

Solvent: Dimethyl sulfoxide, methanol

Exact Weight: 5.1 mg

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

Intended Use: For laboratory use only

Reference: I. Carpenter, J Chem Soc (C), 1969, 2421-2423

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%

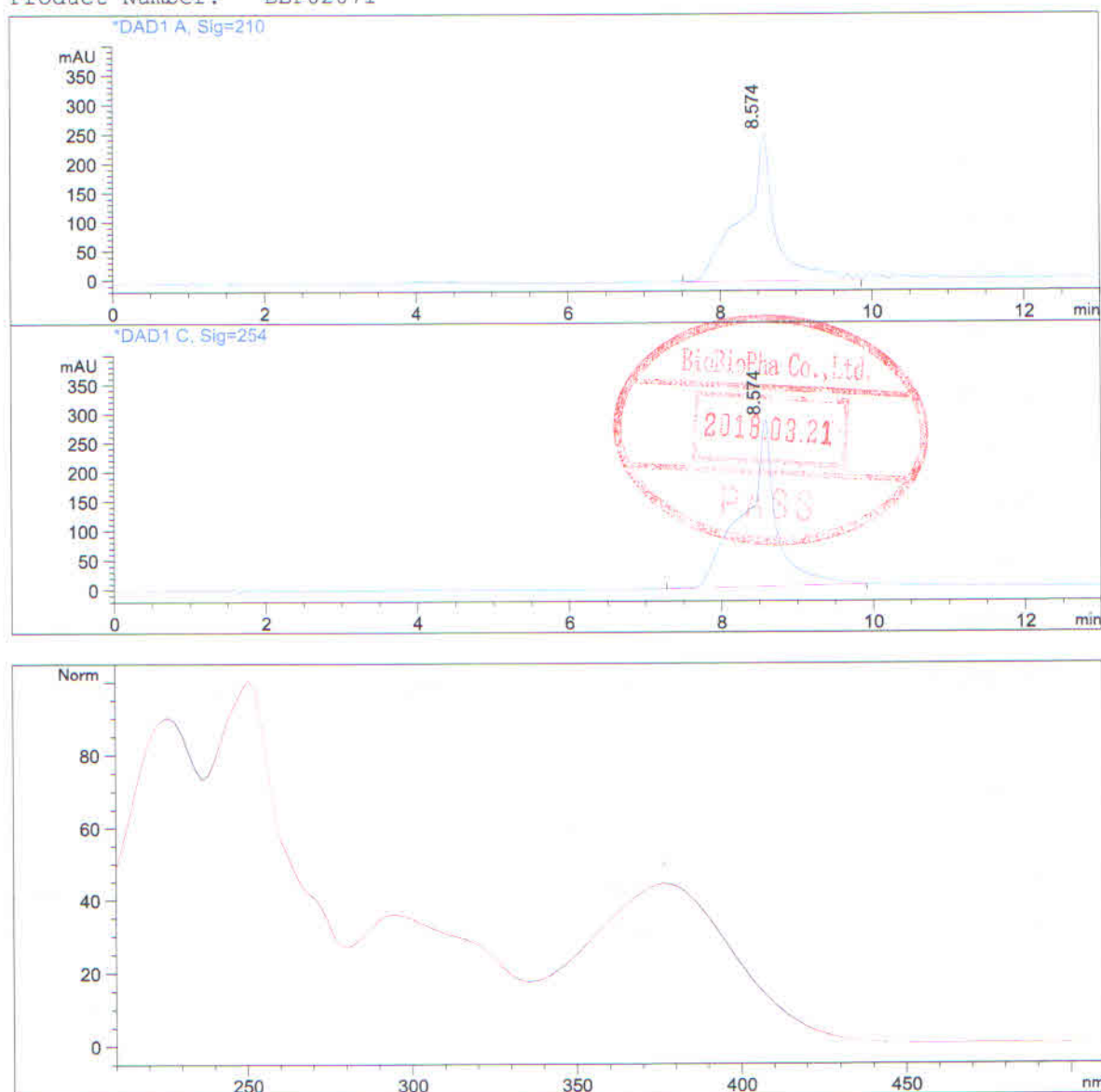
Authorized Signature:

Date:



PRODUCT QUALITY REPORT

Product Number: BBP02071



Agilent 1200 series HPLC system
Extend-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, 25°C

— 12.975

DMSO-d₆, 400 MHz

7.647
7.626
7.605
7.403
7.002
6.981
6.904
6.746
6.726

— 2.490

