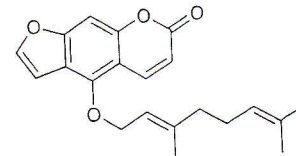


**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Building 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

**HPLC****Batch: 08****BERGAMOTIN****020550S****IDENTIFICATION**

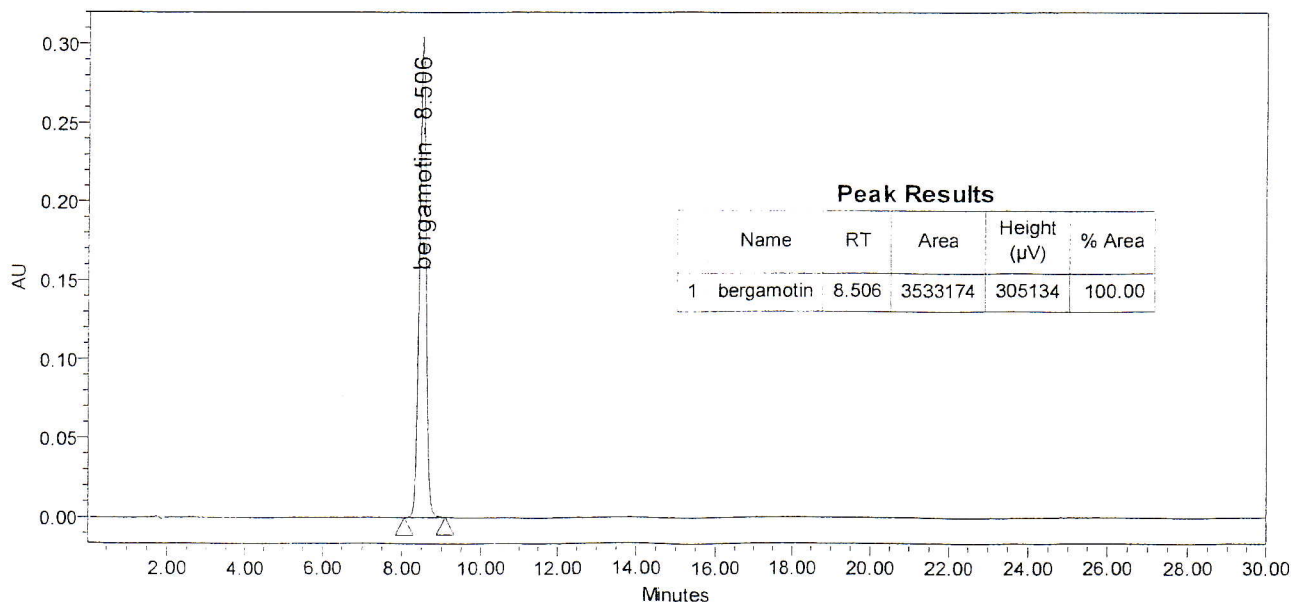
CAS number [7380-40-7]
Chemical family Coumarins
Chemical name 5-geranyloxypsoralen
Molecular formula C₂₁H₂₂O₄
Molecular weight 338.40

CERTIFICATE OF ANALYSIS

Appearance White powder
Melting point 60-61°C
Absorption maxima 243sh, 251, 259.5, 268, 310 nm in ethanol
Moisture < 0.5%
Thin layer chromatography support Silicagel
solvent Methylene chloride
detection U.V.
Storage Store at +2/8°C in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent Water + 5% acetic acid / methanol / acetonitrile (20/50/30, V/V/V)
Flow rate 1 ml/min
Detector UV visible 254 nm
Sample solvent Ethanol



Assay by an HPLC method.

Date of last QC-recheck : Sept. 2008

The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.