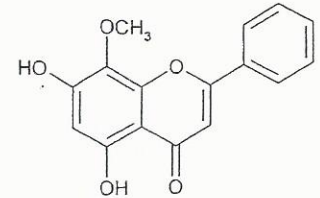




# INDOFINE Chemical Company, Inc.

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**HPLC** **Batch: 01**

**5,7-DIHYDROXY-8-METHOXYFLAVONE** **021304S**

### IDENTIFICATION

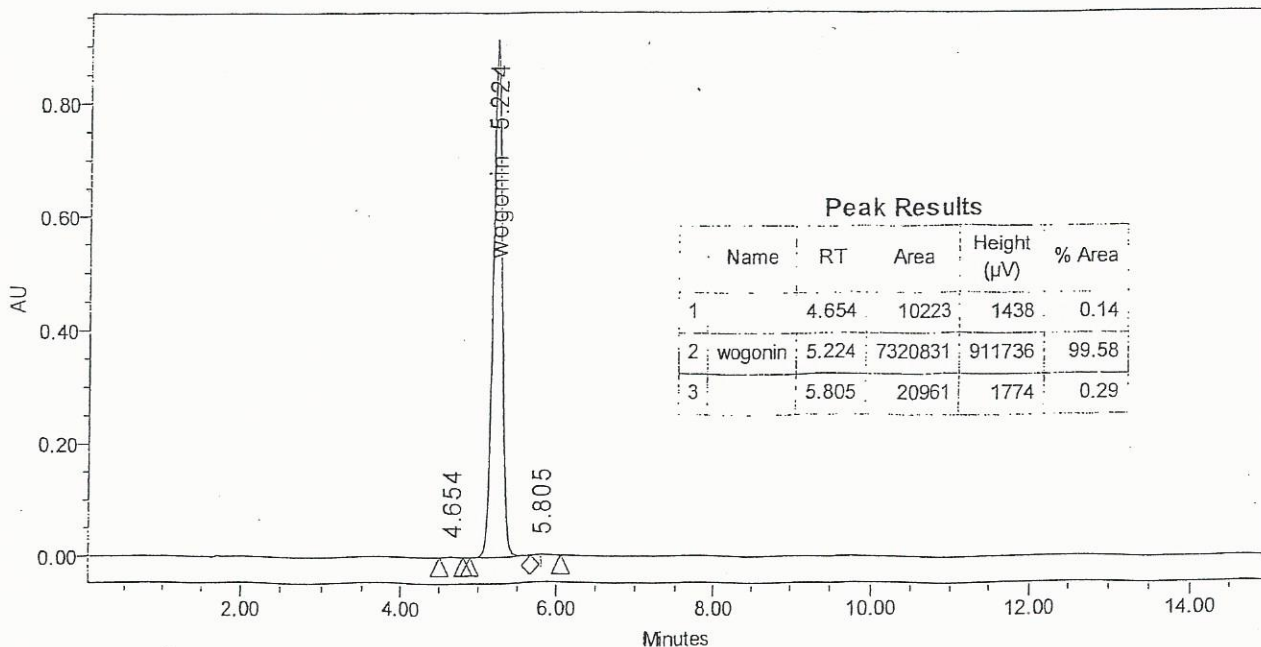
CAS number [632-85-9]  
Chemical family Flavonoids  
Chemical name 5,7-Dihydroxy-8-methoxyflavone  
Molecular formula C<sub>16</sub>H<sub>12</sub>O<sub>5</sub>  
Molecular weight 284.27

### CERTIFICATE OF ANALYSIS

Appearance Yellow powder  
Melting point 204-206°C  
Thin layer chromatography support Silicagel  
solvent Methylene chloride/ethyl acetate (60/40, V/V)  
detection U.V  
Moisture 3.0%  
Absorption maxima 276, 320sh, 350sh nm in methanol + 0.25% dimethylsulfoxide  
Storage Store at room temperature 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 / Methanol (25/75 ; V/V)  
Flow rate 1 ml/min  
Detector UV visible 280 nm  
Sample solvent DMSO/Methanol (2/18, V/V)



Assay by an HPLC method

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