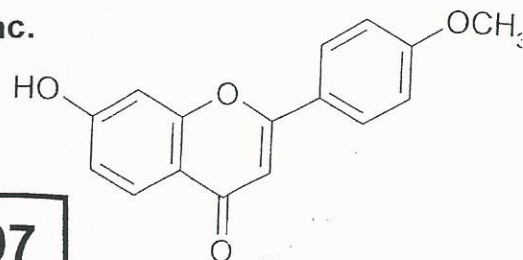


**INDOFINE Chemical Company, Inc.**

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HPLC **Batch: 07**

7-HYDROXY-4'-METHOXYFLAVONE 021134S

IDENTIFICATION

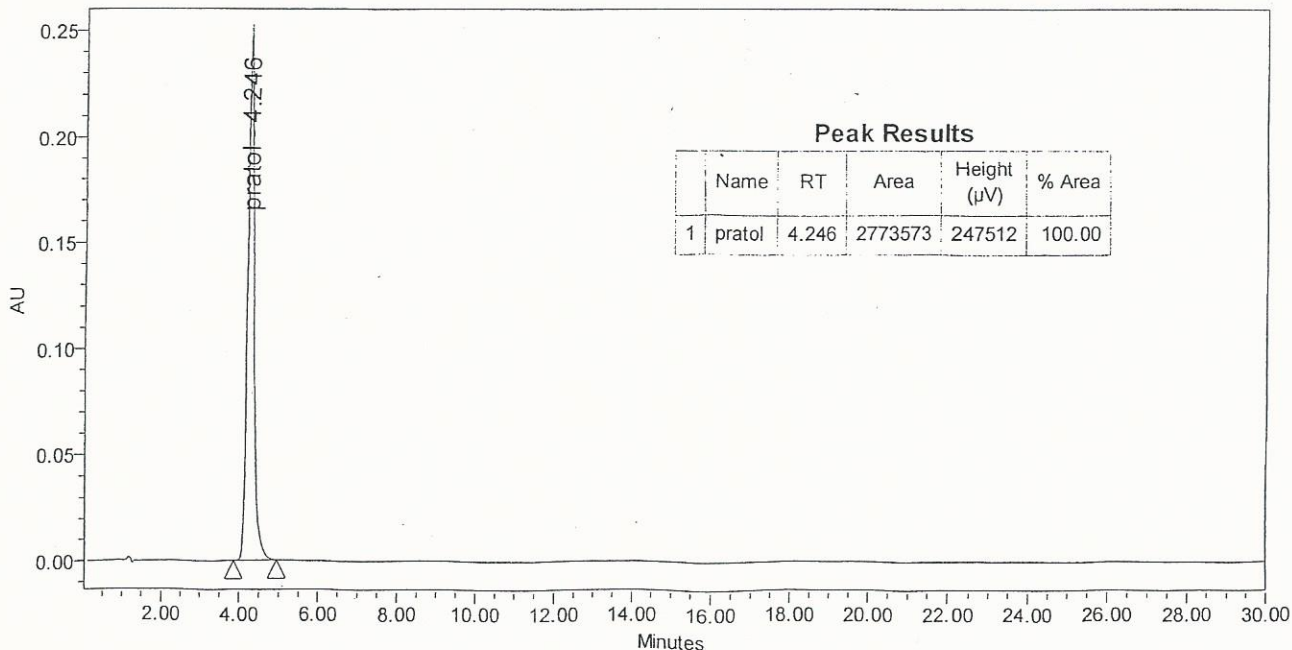
CAS number [487-24-1]
 Chemical family Flavonoids
 Chemical names 7-Hydroxy-4'-methoxyflavone
 Molecular formula C₁₆H₁₂O₄
 Molecular weight 268.28

CERTIFICATE OF ANALYSIS

Appearance Beige powder
 Melting point 270-271°C
 Moisture 3.9 %
 Residual solvents < 0.5%
 Thin layer chromatography support Silicagel
 solvent Toluene/ethyl formiate/formic acid, (5/4/1 , V/V/V)
 detection U.V.
 Absorption maxima 230, 254.5, 312sh, 326.5 nm in ethanol
 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 Nova pak C18® (3.9 x 150 mm), particle size 4 µm
 Solvent Water + 5% acetic acid / Methanol (40/60, V/V)
 Flow rate 1 ml/mn
 Detector UV visible 254 nm
 Sample solvent Ethanol



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