

**INDOFINE Chemical Company, Inc.**

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H P L C**Batch: 04****AMENTOFLAVONE-7,4',4'''-TRIMETHYLETHER 021021S****IDENTIFICATION**

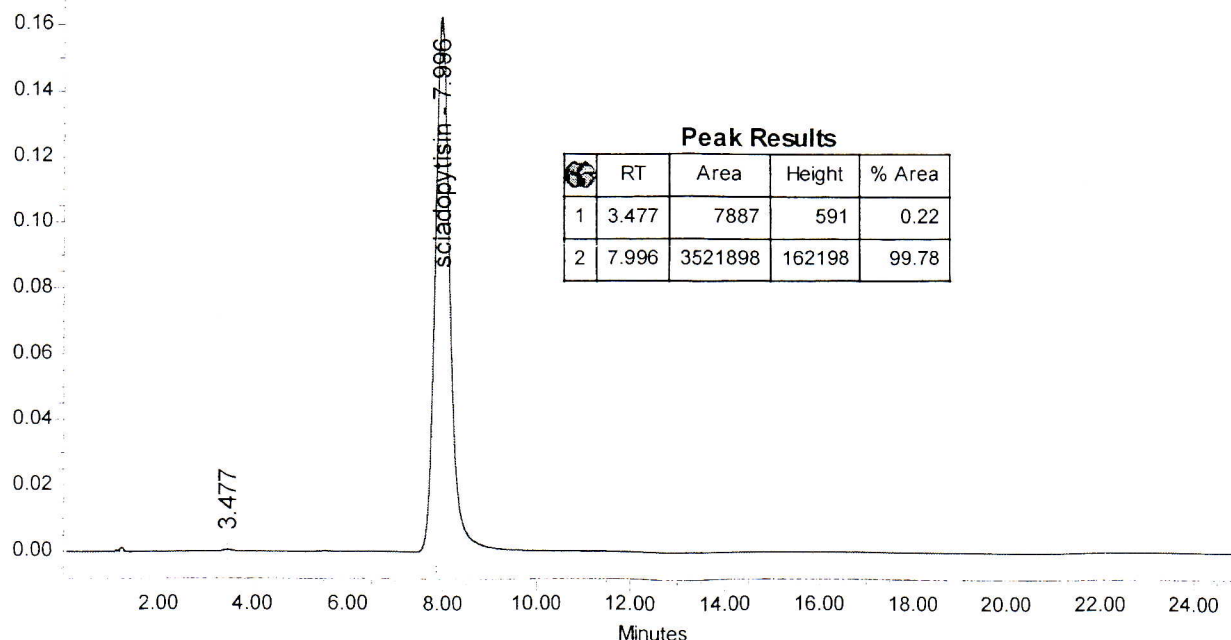
CAS number [521-34-6]
Chemical family Flavonoids
Molecular formula $C_{33}H_{24}O_{10}$
Molecular weight 580.547

CERTIFICATE OF ANALYSIS

Appearance Yellow powder
Melting point 294-296°C
Thin layer chromatography support Silicagel
solvent Toluene/ethylformate/formic acid (5/4/1, V/V/V)
detection U.V.
Moisture 0.5 %
Absorption maxima 270, 328.5 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 Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent Water + 5% acetic acid/ Methanol / Acetonitrile (25/70/5, V/V/V)
Flow rate 1 ml/min
Detector UV visible 280 nm
Sample solvent Dimethylsulfoxide / methanol (1/19, V/V)



Date of last QC-recheck : 06/10/2004

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