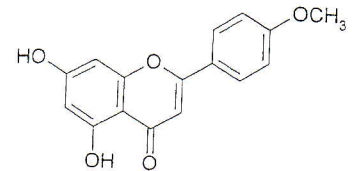


**INDOFINE Chemical Company, Inc.**

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



**HPLC** **Batch: 05**

**ACACETIN** **021101S**

**IDENTIFICATION**

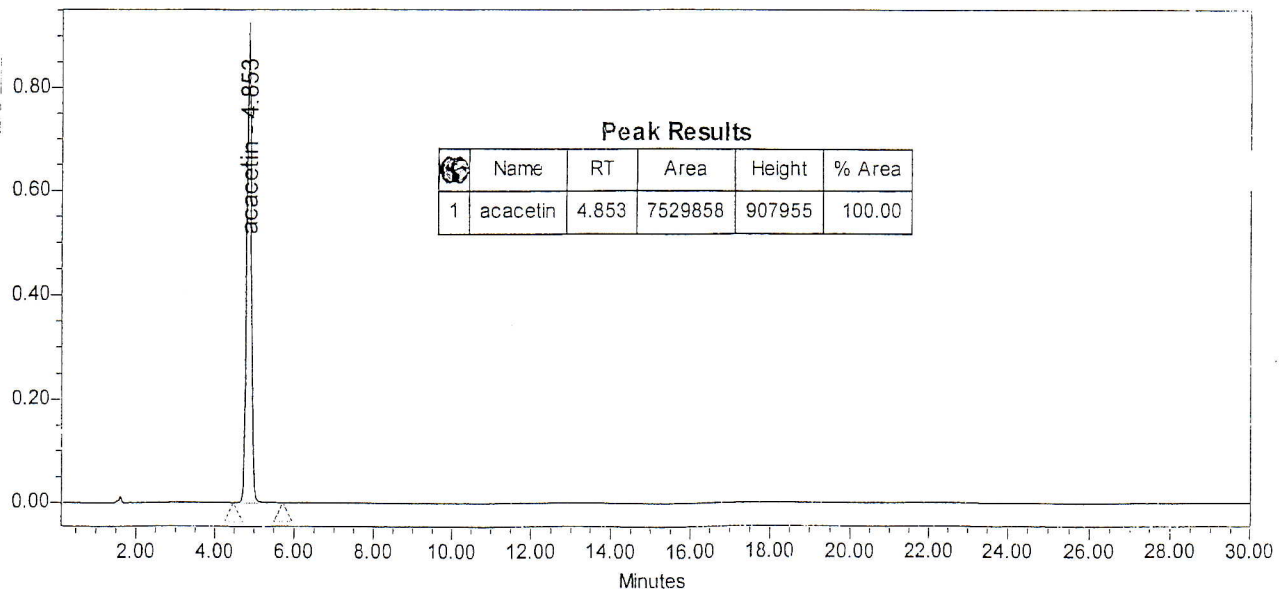
CAS number	[480-44-4]
Chemical family	Flavonoids
Chemical names	5,7-Dihydroxy-4'-methoxyflavone
Molecular formula	C <sub>16</sub> H <sub>12</sub> O <sub>5</sub>
Molecular weight	284.26

**CERTIFICATE OF ANALYSIS**

Appearance	Yellow powder	
Melting point	269-271°C	
Moisture	0.5%	
Thin layer chromatography	support	Silicgel
	solvent	Toluene / ethyl formate / formic acid (5/4/1 , V/V/V)
	detection	UV
Absorption maxima	268.5, (300)sh, 328 nm in methanol + 0.5% dimethylsulfoxyde.	
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 + 5% acetic acid / Methanol (20/80, V/V)
Flow rate	1 ml/mn
Detector	UV visible 254 nm
Sample solvent	Methanol/Dimethylsulfoxyde (18/2, V/V)



Product no-certified. Assay by an HPLC method.

Date of last QC-recheck : 10/15/04

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