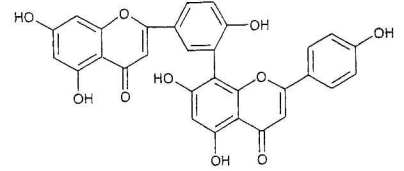


**INDOFINE Chemical Company, Inc.**

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



HPLC **Batch: 12**

AMENTOFLAVONE **021057S**

IDENTIFICATION

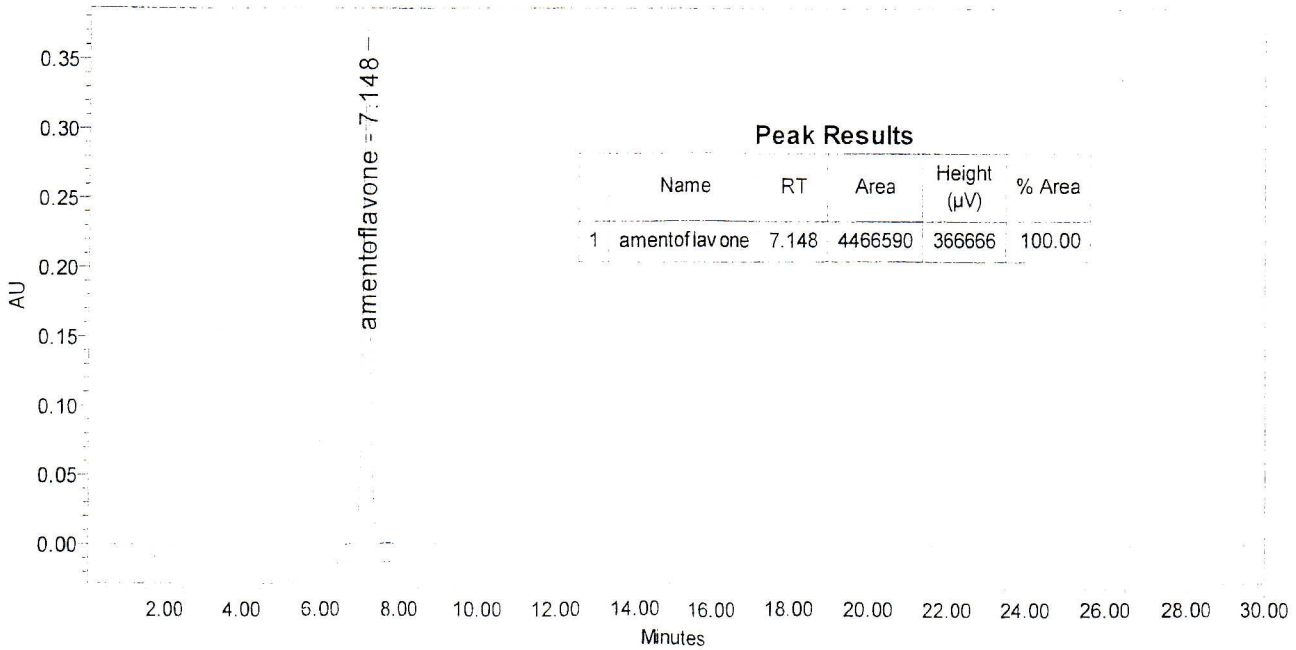
CAS number	[1617-53-4]
Chemical family	Flavonoids
Chemical names	4',4'',5,5'',7,7''-hexahydroxy-3'',8-biflavone
Molecular formula	C ₃₀ H ₁₈ O ₁₀
Molecular weight	538.466

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Melting point	250-260°C dec	
Moisture	7.3 %	
Thin layer chromatography	support	Silicagel
	solvent	Methylene chloride / acetone / formic acid (75/16/8 , V/V/V)
	detection	U.V
Absorption maxima	270, 333 nm in methanol	
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 / Acetonitrile (50/50, V/V)
Flow rate	1 ml/mn
Detector	UV visible 254 nm
Sample solvent	Methanol



Assay by an HPLC method.

Date of last QC-recheck : June 2008

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