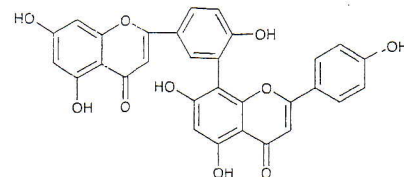


**INDOFINE Chemical Company, Inc.**

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Phone: (908) 359-6778; Fax: (908) 359-1179

**HPLC****Batch: 11****AMENTOFILAVONE****021057S****IDENTIFICATION**

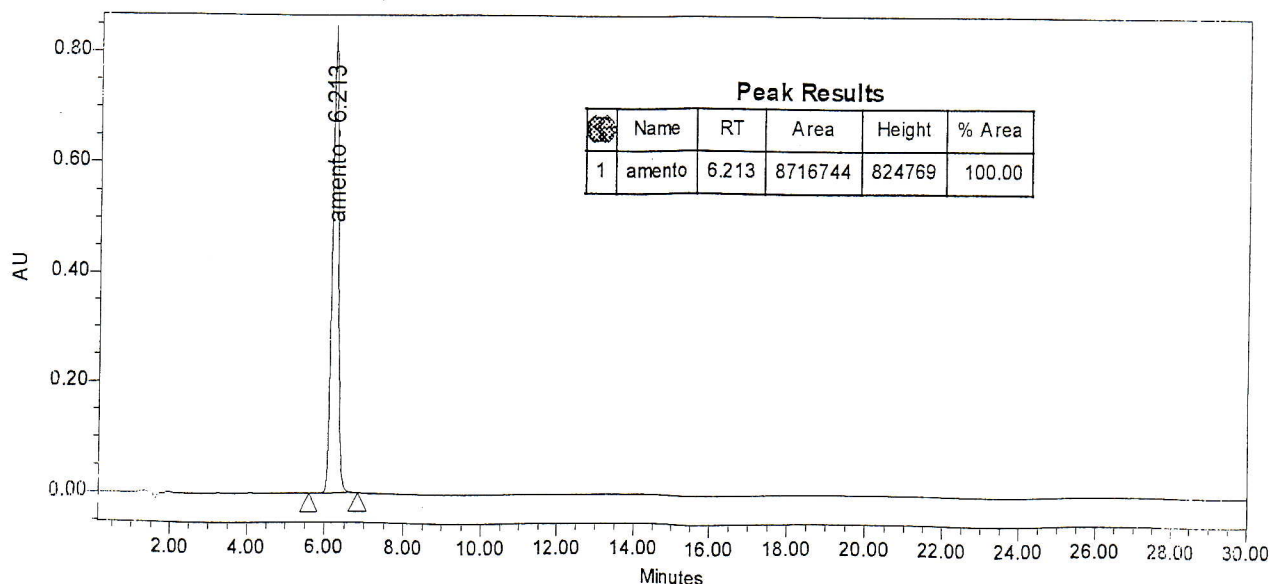
CAS number	[1617-53-4]
Chemical family	Flavonoids
Chemical names	4',4''',5,5'',7,7''-hexahydroxy-3''',8-biflavone
Molecular formula	C ₃₀ H ₁₈ O ₁₀
Molecular weight	538.466

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Melting point	250-290°C dec
Moisture	8 %
Thin layer chromatography	support Silicagel
	solvent Methylene chloride / acetone / formic acid (75/16/8 , V/V/V)
	detection U.V
Absorption maxima	269, 333.5 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



Product no-certified. Assay by an HPLC method.

Date of last QC-recheck : 12/22/2004

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