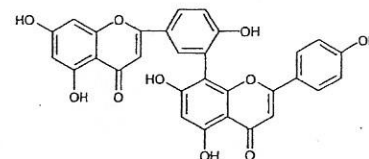




INDOFINE Chemical Company, Inc.

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HPLC

Batch: 13

AMENTOFLAVONE

021057S

IDENTIFICATION

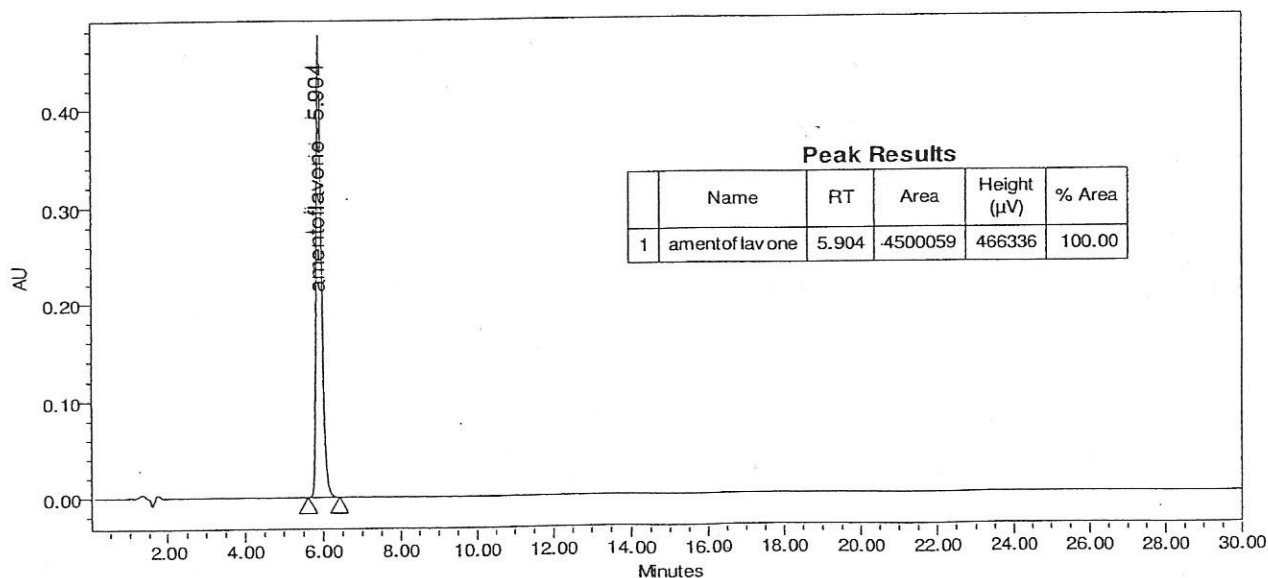
CAS number	[1617-53-4]
Chemical family	Flavonoids
Chemical names	4',4''',5,5'',7,7''-hexahydroxy-3''',8-biflavone;I3',II8-Biapigenin
Molecular formula	C ₃₀ H ₁₈ O ₁₀
Molecular weight	538.46

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Moisture	6.4 %
Residual solvent	<0.5%
Thin layer chromatography	support Silicagel solvent Methylene chloride / acetone / formic acid (75/16/8 , V/V/V) detection U.V
Absorption maxima	270, 334 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



Purity by an HPLC method.

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