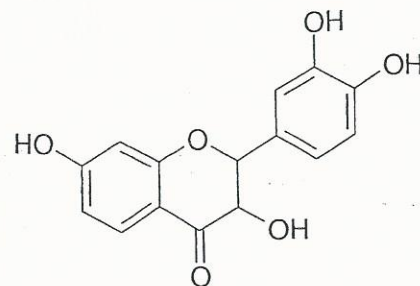


**INDOFINE Chemical Company, Inc.**

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

**HPLC****Batch: 01****FUSTIN****021339S****IDENTIFICATION**

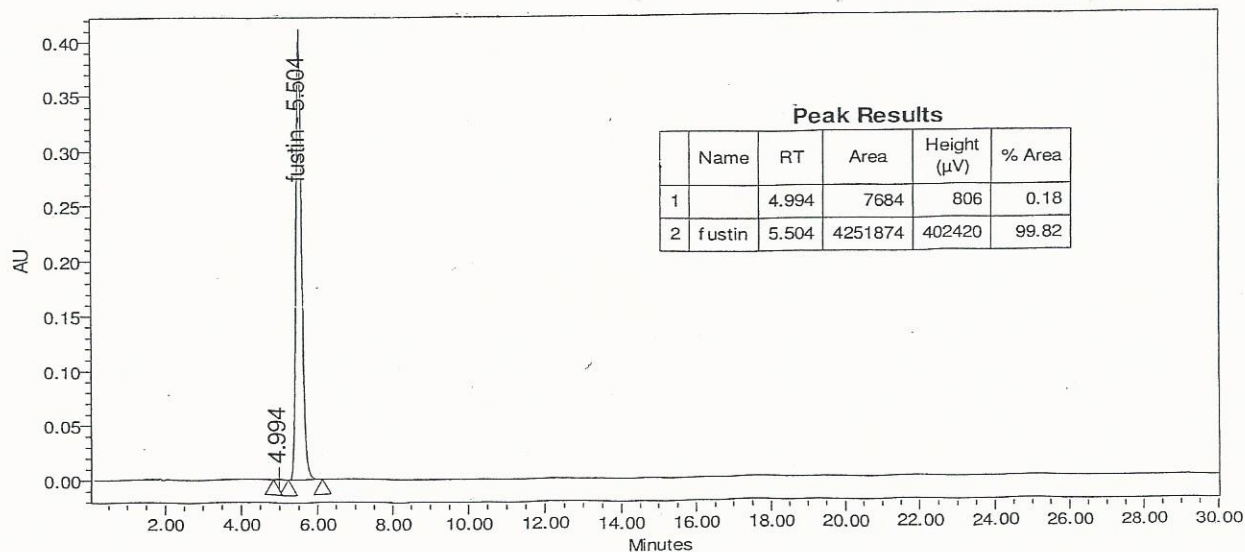
CAS number	[20725-03-5]
Chemical family	Flavonoids
Chemical name	3,3',4',7-Tetrahydroxyflavanone; dihydrofisetin
Molecular formula	C ₁₅ H ₁₂ O ₆
Molecular weight	288.26

CERTIFICATE OF ANALYSIS

Appearance	White powder
Melting point	204-206°C
Absorption maxima	234, 279, 310 nm in ethanol
Moisture	<0.5%
Residual solvent	<0.5%
Thin layer chromatography	support Silicagel solvent Toluene/ethyl formate/formic acid (5/4/1, V/V/V) detection U.V.
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 / Acetonitrile (70/20/10, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 280 nm
Sample solvent	Ethanol



Assay by an HPLC method.

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