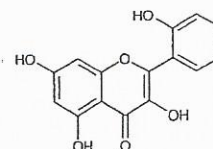




# INDOFINE Chemical Company, Inc.

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



**HPLC**      **Lot No.: 13112206**

**DATISCETIN**      **021141S**

### IDENTIFICATION

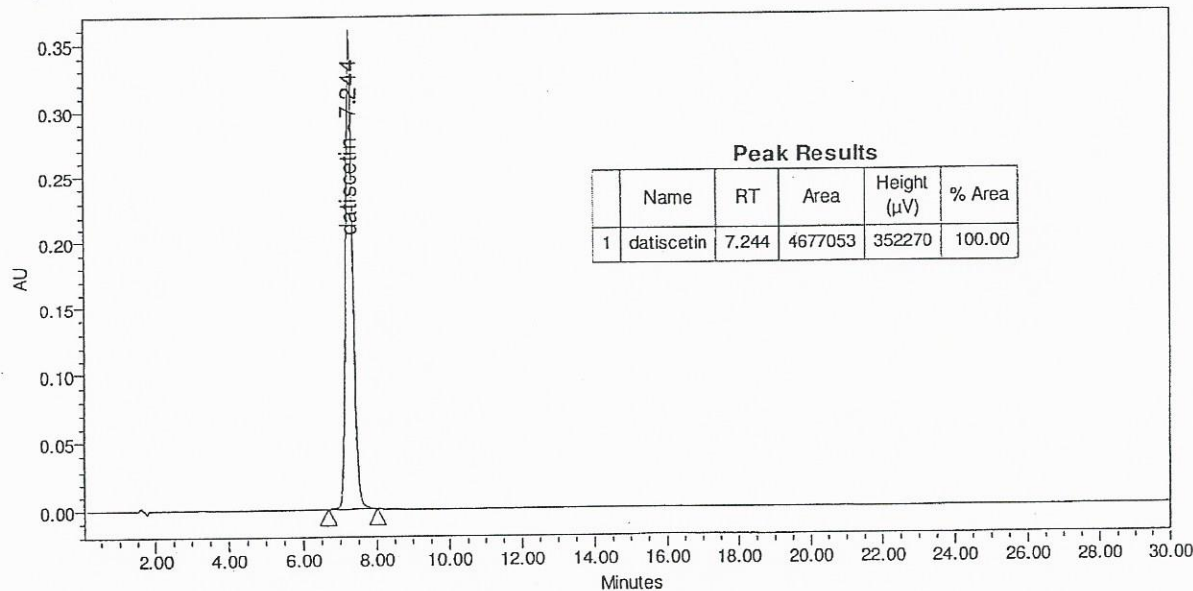
CAS number	[480-15-9]
Chemical family	Flavonoids
Chemical name	2',3,5,7-Tetrahydroxyflavone
Molecular formula	C <sub>15</sub> H <sub>10</sub> O <sub>6</sub>
Molecular weight	286.25

### CERTIFICATE OF ANALYSIS

Appearance	Slightly yellow powder		
Melting point	279-280°C		
Thin layer chromatography	support	Silicagel	
	solvent	Toluene/ethylformate/formic acid (5/4/1, V/V/V)	
	detection	U.V.	
Absorption maxima	263, 311sh, 350 nm in ethanol		
Moisture	0.8%		
Residual solvents	<0.5%		
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 (40/50/10, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Methanol



Assay by an HPLC method.

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