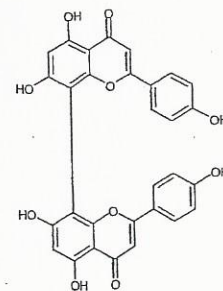




# INDOFINE Chemical Company, Inc.

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## HPLC

## Batch: 03

# CUPRESSUFLAVONE

# 021281S

### IDENTIFICATION

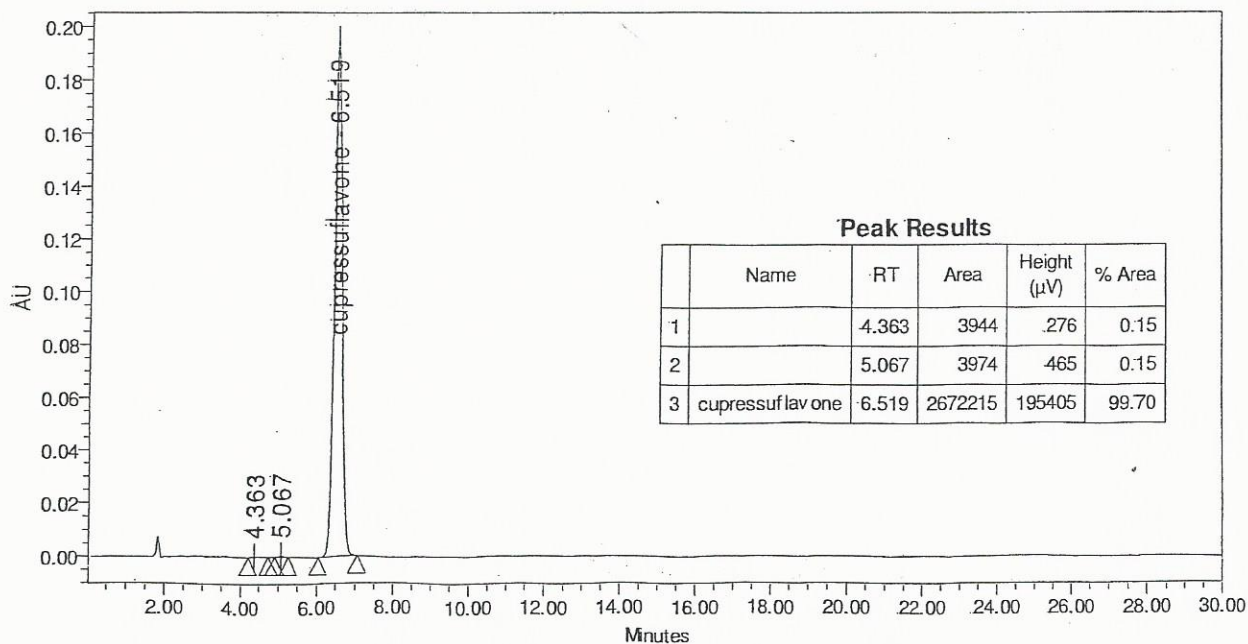
CAS number	[3952-18-9]
Chemical family	Flavonoids
Molecular formula	C <sub>30</sub> H <sub>18</sub> O <sub>10</sub>
Molecular weight	538.47

### CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Moisture	2.2%
Thin layer chromatography	support Silicagel
	solvent Methylene chloride/acetone/formic acid (75/15/10, V/V/V)
	detection U.V
Absorption maxima	274.5, 331.5 nm in ethanol + 0.5% dimethylsulfoxide
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 (25/70/5, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Dimethylsulfoxide / ethanol (2/18, V/V)



Assay by an HPLC method.

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