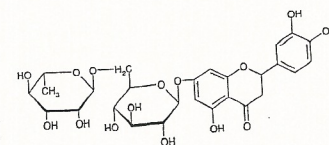




# INDOFINE Chemical Company, Inc.

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**HPLC** **Batch: 08**

**ERIOCITRIN** **021110S**

### IDENTIFICATION

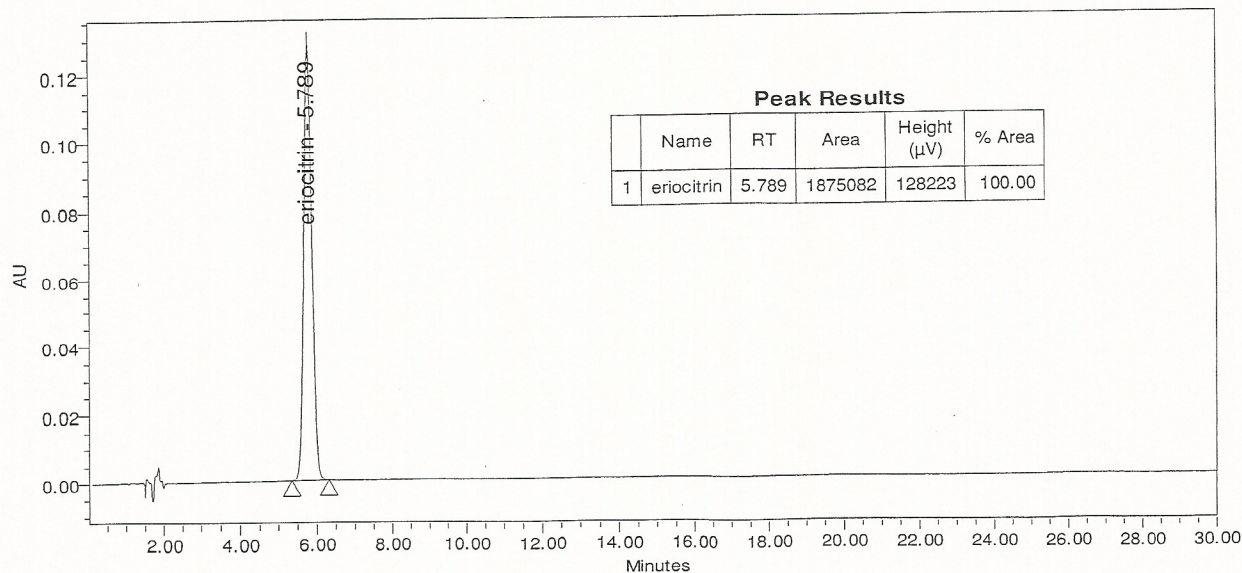
CAS number	[13463-28-0]
Chemical family	Flavonoids
Chemical names	Eriodictyol-7-O-rutinoside
Molecular formula	C <sub>27</sub> H <sub>32</sub> O <sub>15</sub>
Molecular weight	596.55

### CERTIFICATE OF ANALYSIS

Appearance	Slightly yellow powder
Absorption maxima	284, 327 nm in methanol
Thin layer chromatography	support Silicagel
	solvent Ethyl acetate / MEC / Formic acid / Water (5/3/1/1 , V/V/V/V)
	detection U.V.
Moisture	2.2 %
Residual solvents	0.8 %
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use.

### HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water + % 0.3% H <sub>3</sub> PO <sub>4</sub> / Methanol / Acetonitrile (70/20/10 , V/V/V)
Flow rate	1 ml/mn
Detector	UV visible 280 nm
Sample solvent	Ethanol



Assay by an HPLC method

Date of last QC-recheck *January 2013*  
Date of retest *January 2017*

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