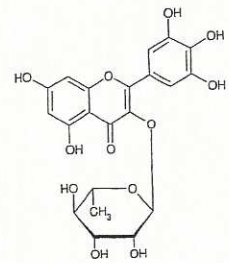




# INDOFINE Chemical Company, Inc.

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**HPLC**

**Lot No.: 13100106**

**MYRICITRIN**

**021029S**

### IDENTIFICATION

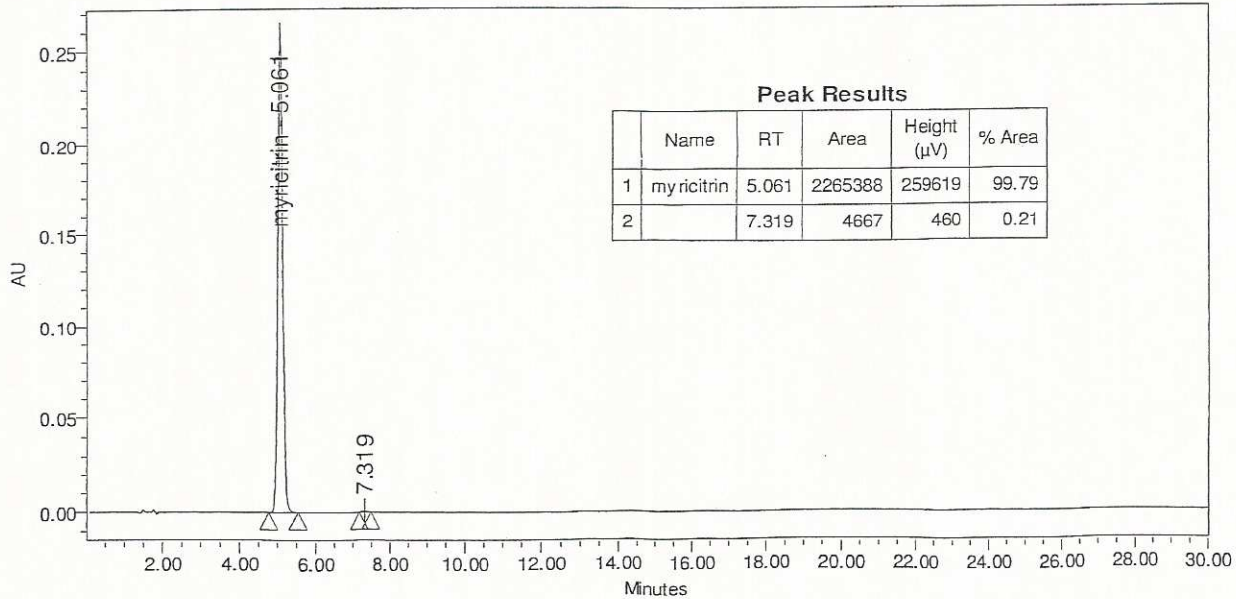
CAS number	[17912-87-7]
Chemical family	Flavonoids
Chemical names	Myricetin-3-O-rhamnoside
Molecular formula	C <sub>21</sub> H <sub>20</sub> O <sub>12</sub>
Molecular weight	464.38

### CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Absorption maxima	257, 300sh, 354 nm in methanol	
Moisture	6.8%	
Residual solvent	<0.5%	
Thin layer chromatography	support	Silicagel
	solvent	Ethyl acetate / MEC / Formic acid / Water (5/3/1/1 , V/V/V/V)
	detection	UV
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 (60/25/15, V/V/V)
Flow rate	1 ml/mn
Detector	UV visible 254 nm
Sample solvent	Methanol



Assay by an HPLC method.

Date of last QC-recheck

March 2013

Date of retest

March 2017

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