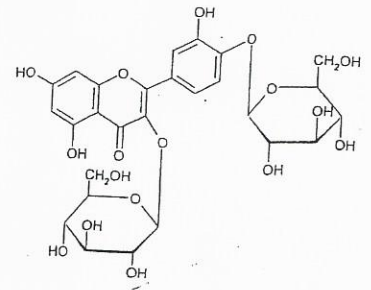




# INDOFINE Chemical Company, Inc.

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**HPLC** **Batch: 01**

**QUERCETIN-3,4'-di-O-GLUCOSIDE 021347S**

## IDENTIFICATION

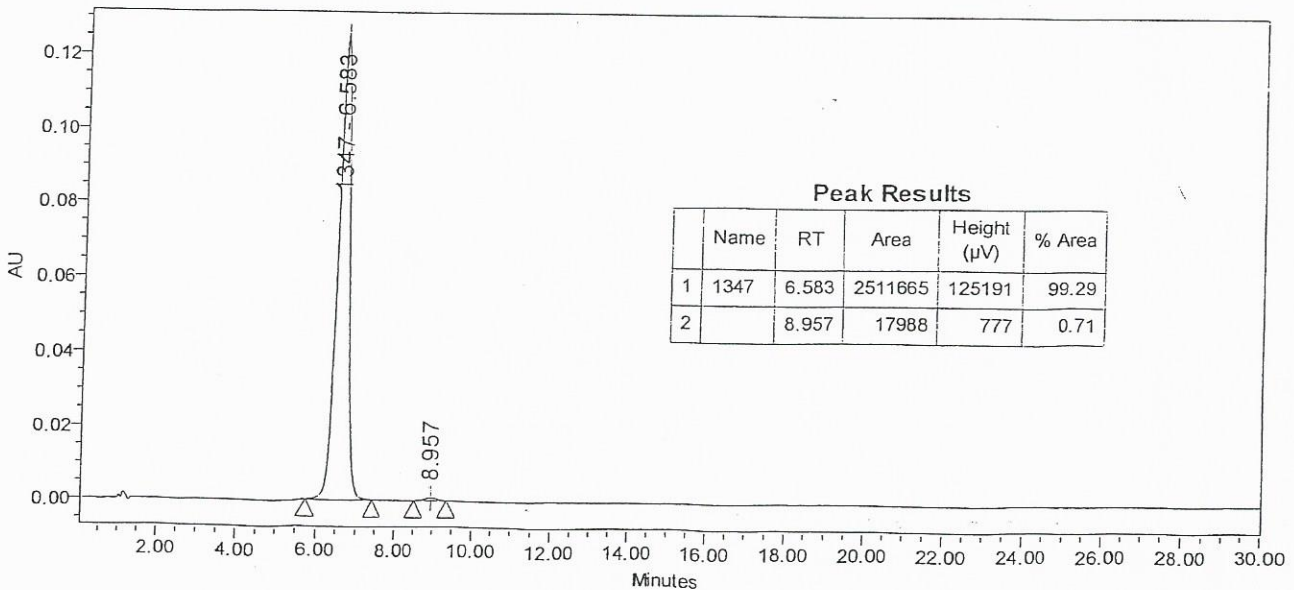
CAS number	[29125-80-2]
Chemical family	Flavonoids
Molecular formula	C <sub>27</sub> H <sub>30</sub> O <sub>17</sub>
Molecular weight	626.52

## CERTIFICATE OF ANALYSIS

Appearance	Yellow powder	
Melting point	207°C, dec	
Thin layer chromatography	support	Silicagel
	solvent	Ethyl acetate/methylethylketone/formic acid/water (5/3/1/1, V/V/V/V)
	detection	U.V
Moisture	2.2%	
Absorption maxima	255.5, 267, 347 nm in methanol	
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	Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent	Water + 5% acetic acid / Acetonitrile (93/7, V/V)
Flow rate	1 ml/min
Detector	UV visible 265 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.*