



# INDOFINE Chemical Company, Inc.

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## HPLC

## Batch: 03

# SYRINGETIN-3-GLUCOSIDE

# 021245S

### IDENTIFICATION

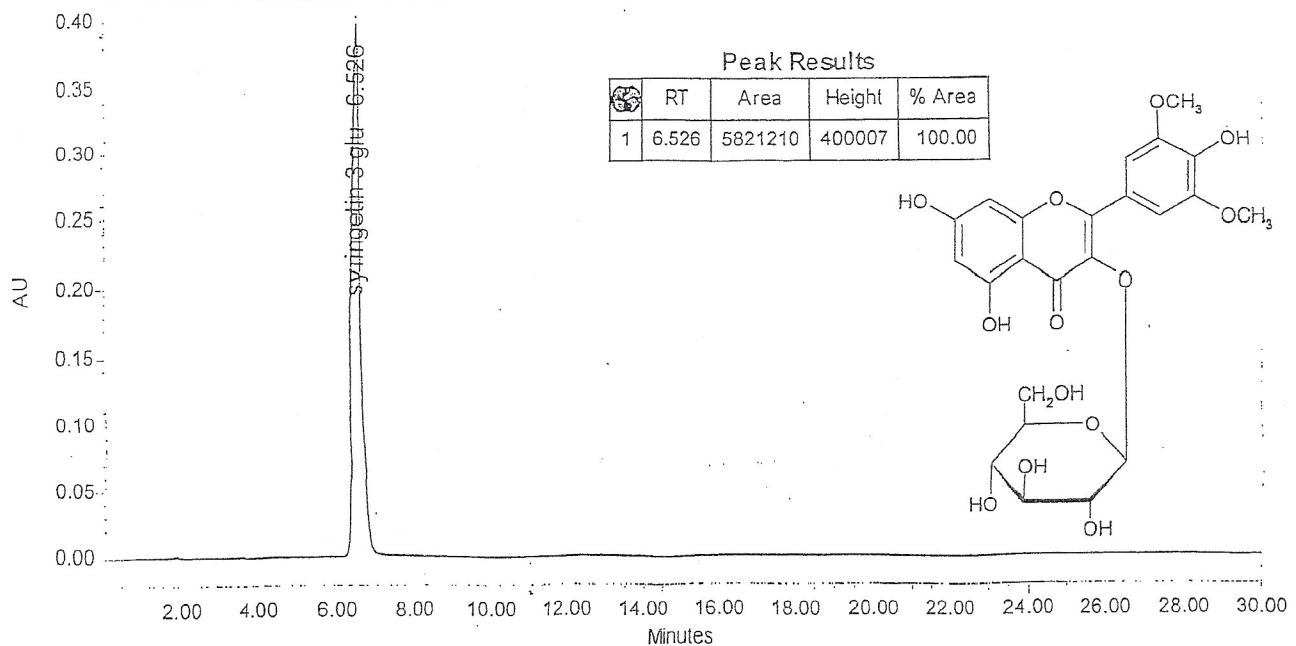
CAS number [40039-49-4]  
Chemical family Flavonoids  
Molecular formula  $C_{23}H_{24}O_{13}$   
Molecular weight 508.44

### CERTIFICATE OF ANALYSIS

Appearance Yellow powder  
Melting point 252-253°C  
Thin layer chromatography support Silicagel  
solvent Ethylacetate/formic acid/acetic acid/water (100/11/11/23, V/V/V/V)  
detection U.V.  
Moisture 0.9 %  
Absorption maxima 253.5, (268)sh, (300)sh, 362.5 nm in ethanol  
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 + 0.3%  $H_3PO_4$  / Methanol / Acetonitrile (65/15/20, V/V/V)  
Flow rate 1 ml/min  
Detector UV visible 254 nm  
Sample solvent Ethanol



Product no-certified. Assay by an HPLC method.

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