



# INDOFINE Chemical Company, Inc.

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## HPLC ANALYSIS

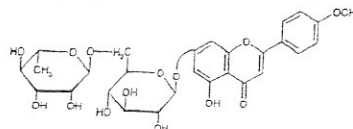
021169S

LINARIN

Lot No.: 10062812

### IDENTIFICATION

CAS number [480-36-4]  
Chemical family Flavonoids  
Chemical names Acacetin-7-O-rutinoside  
Molecular formula  $C_{28}H_{32}O_{14}$   
Molecular weight 592.55

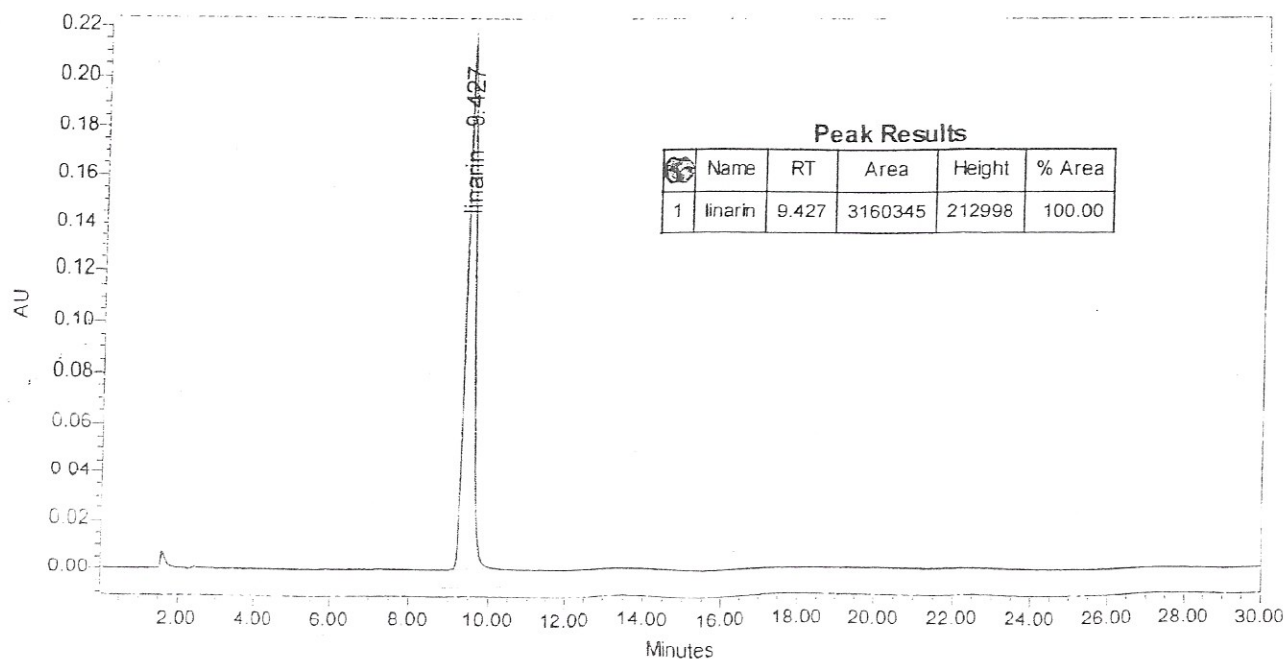


### CERTIFICATE OF ANALYSIS

Appearance Lightly beige powder  
Melting point 248-250°C  
Thin layer chromatography support Silicagel  
solvent Ethyl acetate/Methylethylketone/Water/Formic acid (5/3/1/1, V/V/V/V)  
detection U.V.  
Absorption maxima 269.5, 328 nm in ethanol + 0.5% dimethylsulfoxide  
Moisture 1.5%  
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 / Acetonitrile (75/25, V/V)  
Flow rate 1 ml/min  
Detector UV visible 254 nm  
Sample solvent Dimethylsulfoxide / Ethanol (2/18, V/V)



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.