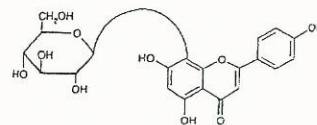




INDOFINE Chemical Company, Inc.

121 Stryker Lane, Building 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179



HPLC

Lot No.: 13110416

VITEXIN

021232S

IDENTIFICATION

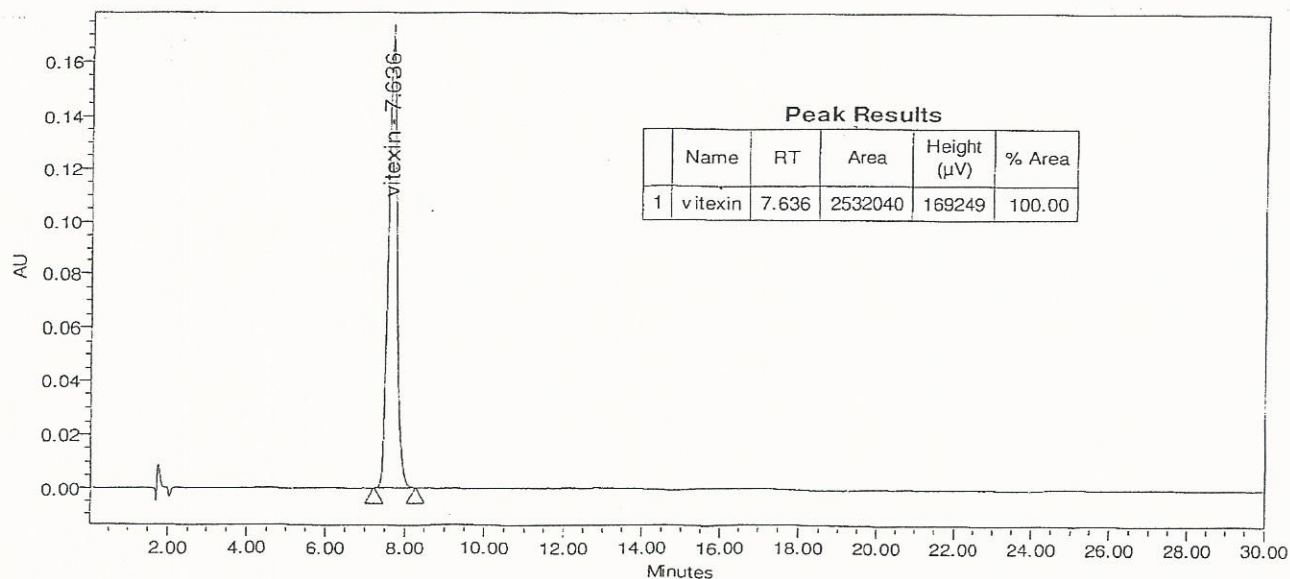
CAS number [3681-93-4]
Chemical family Flavonoids
Synonyms Apigenin-8-C-glucoside
Molecular formula $C_{21}H_{20}O_{10}$
Molecular weight 432.38

CERTIFICATE OF ANALYSIS

Appearance Yellow powder
Absorption maxima 270, 296sh, 332 nm in methanol + 0.5% dimethylsulfoxide
Melting point 255°C, dec
Moisture <0.5%
Residual solvents <0.5%
Thin layer chromatography support Silicagel
solvent Ethyl acetate/methylethylketone/ formic acid/water/acetic acid
(50/30/7/10/3 ; V/V/V/V/V)
detection U.V
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 μ m
Solvent Water + 5% acetic acid / Methanol (65/35, V/V)
Flow rate 1 ml/min
Detector UV visible 254 nm
Sample solvent Dimethylsulfoxide / Methanol, (2/18, V/V)



Assay by an HPLC method.

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