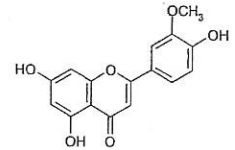




INDOFINE Chemical Company, Inc.

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



HPLC

Lot No.: 14102708

CHRYSOERIOR

021104S

IDENTIFICATION

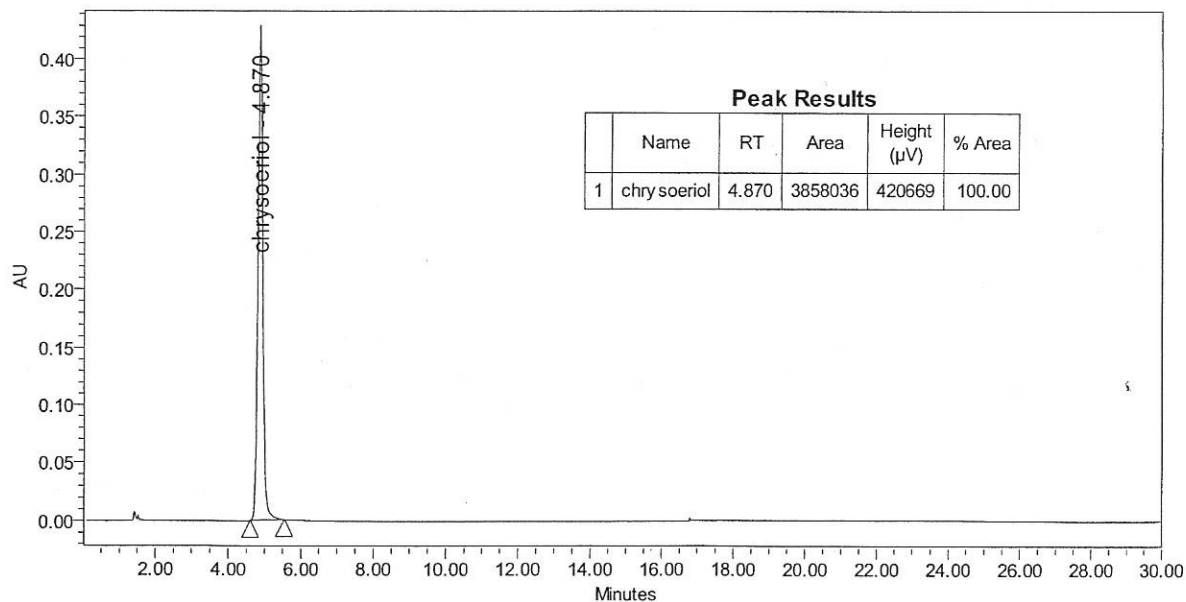
CAS number	[491-71-4]
Chemical family	Flavonoids
Chemical name	4',5,7-Trihydroxy-3'-methoxyflavone
Molecular formula	C ₁₆ H ₁₂ O ₆
Molecular weight	300.28

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Melting point	330-331°C
Thin layer chromatography	support Silicagel solvent Toluene /ethyl formate / formic acid (5/4/1 , V/V/V) detection UV
Moisture	<0.5%
Residual solvents	<0.5%
Absorption maxima	245sh, 251, 269, 349 nm in ethanol + 0.5% dimethylsulfoxide
Storage	Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use.

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Nova pak C18® (3.9 x 150 mm), particle size 4 µm
Solvent	Water + 5% acetic acid/ Methanol / Acetonitrile (55/35/10, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Dimethylsulfoxide / ethanol (2/18 , V/V)



Assay by an HPLC method.

Date of last QC-recheck : *October 2014*
Date of retest: *October 2018*

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