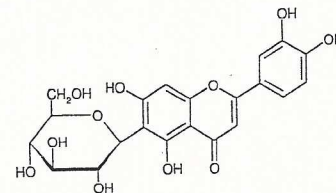




INDOFINE Chemical Company, Inc.

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HPLC

Lot No.: 13062512

HOMOORIENTIN

021055S

IDENTIFICATION

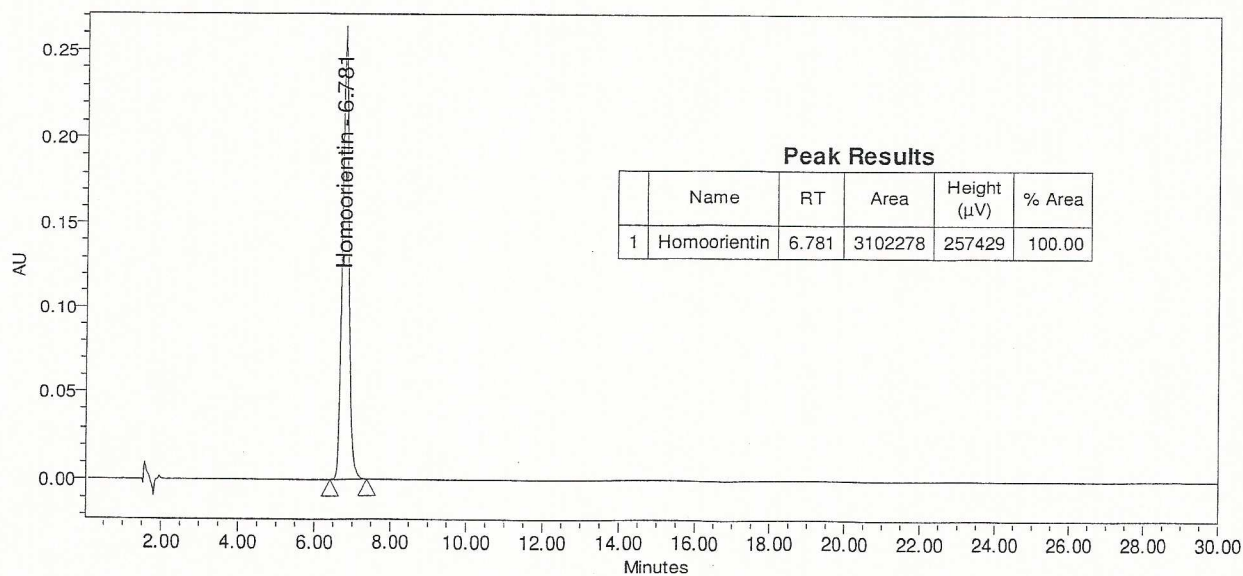
CAS number	[4261-42-1]
Chemical family	Flavonoids
Chemical names	Luteolin-6-C-glucoside, Isoorientin
Molecular formula	C ₂₁ H ₂₀ O ₁₁
Molecular weight	448.38

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Melting point	231-232°C dec
Moisture	1.9 %
Residual solvent	< 0.5 %
Thin layer chromatography	support Silicagel solvent Ethyl acetate / Methanol / Formic acid / Water (5/3/1/1, V/V/V/V) detection UV
Absorption maxima	258, 271, 350 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	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water + 5% acetic acid / Methanol / Acetonitrile (80/10/10, V/V/V)
Flow rate	1 ml/mn
Detector	UV visible 254 nm
Sample solvent	Methanol



Assay by an HPLC method.

Date of last QC-recheck : January 2011

Date of retest: January 2015

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