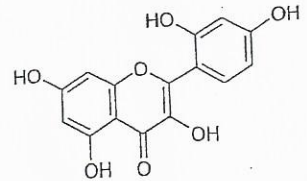




INDOFINE Chemical Company, Inc.

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HPLC Lot No.: 10073001

MORIN 021344S

IDENTIFICATION

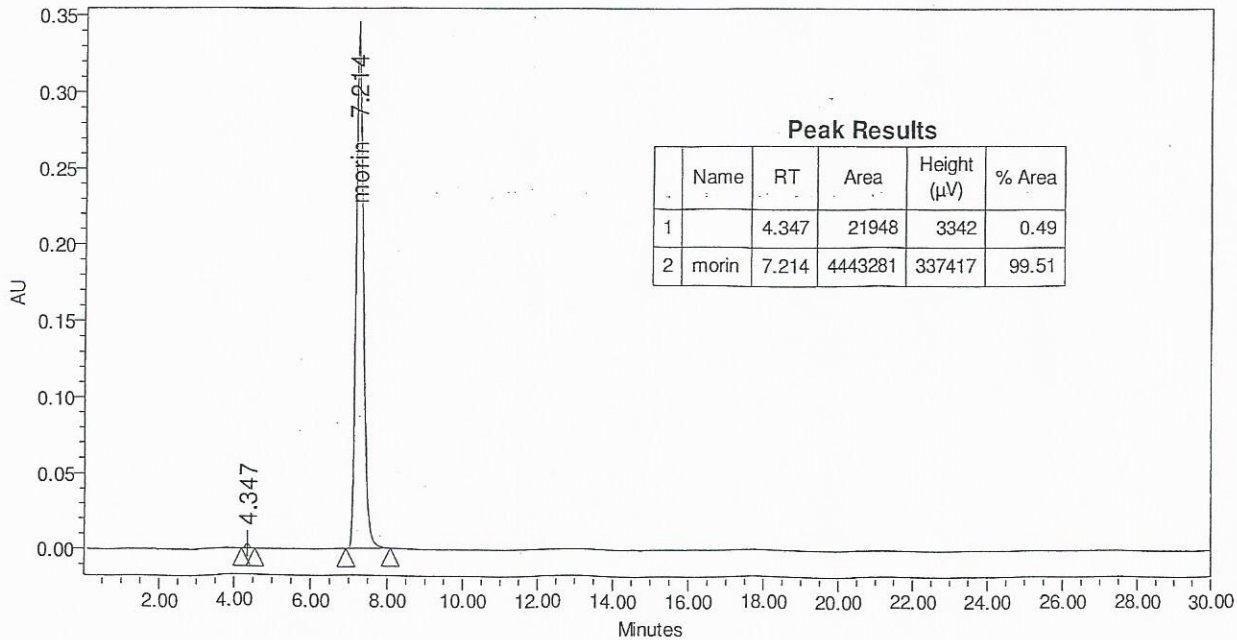
CAS number	[480-16-0]
Chemical family	Flavonoids
Chemical name	2',3,4',5,7-Pentahydroxyflavone
Molecular formula	C ₁₅ H ₁₀ O ₇
Molecular weight	302.24

CERTIFICATE OF ANALYSIS

Appearance	Yellow powder
Melting point	285°C, dec
Thin layer chromatography	support Silicagel
	solvent Toluene/ethylformate/formic acid (5/4/1, V/V/V)
	detection U.V.
Absorption maxima	257sh, 264, 295sh, 359.5 nm in ethanol
Moisture	4.0%
Residual solvents	< 0.5%
Storage	HARMFUL. 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 / Methanol / Acetonitrile (45/30/25, V/V/V)
Flow rate	1 ml/min
Detector	UV visible 254 nm
Sample solvent	Ethanol



Assay by an HPLC method.

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