



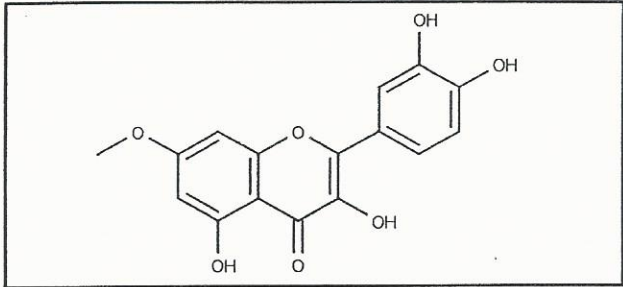
INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

021136S **RHAMNETIN** **Lot No.: 17052312**

CAS RN	90-19-7
MOL FORMULA	C ₁₆ H ₁₂ O ₇
MOL WEIGHT	316,28



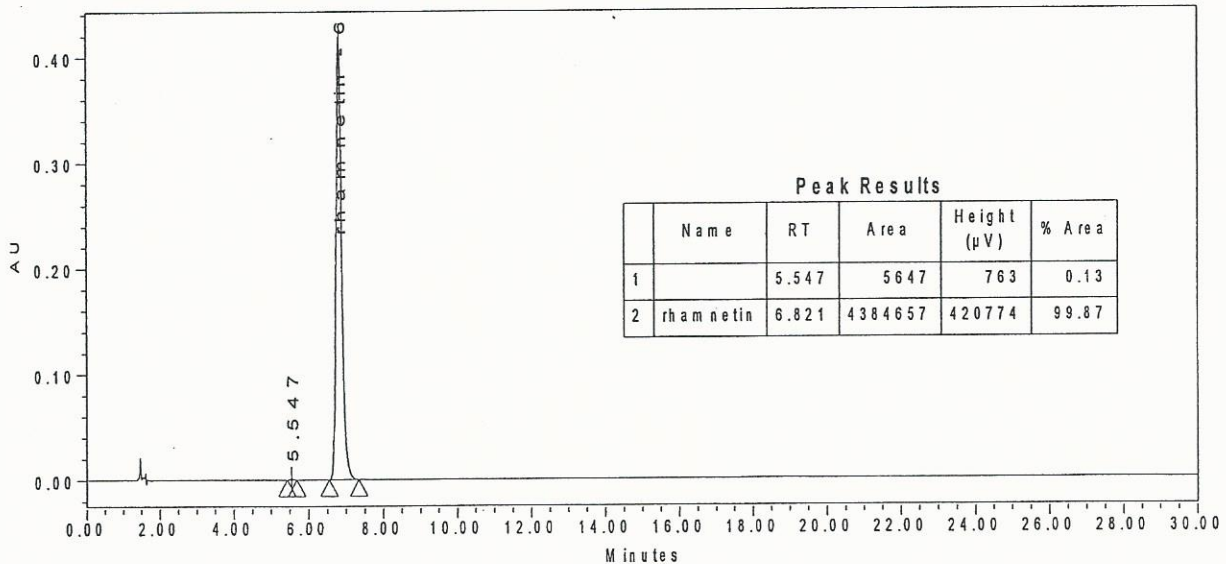
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Yellow powder	Conform
Water content	KF	% w/w		0,7
Residual solvents	GC-HS	% w/w		0,7
Inorganics	ICP-MS	% w/w		<0,1
Purity	HPLC	% area	≥ 99,0	99,9
Assay	Calculated (*)	% w/w		98,5

(*) Assay = Purity by HPLC x (100 - %water - %solvents - %inorganics)

CHROMATOGRAPHIC PURITY / HPLC

Column : Symmetry Shield RP18 - 4,6x150 mm - 3,5 μm
 Mobile phase : Water + 0,3% H₃PO₄ 40 / MeOH 30 / ACN 30 (v/v/v)
 Detection : UV 254 nm

Temperature : 30°C
 Flow rate : 1 ml/min
 Injection volume : 5 μl
 Injection solvent : EtOH + 10% DMSO



LONG TERM STORAGE : Below 8°C in a dry and dark place

TRANSPORT CONDITIONS : Ambient temperature