



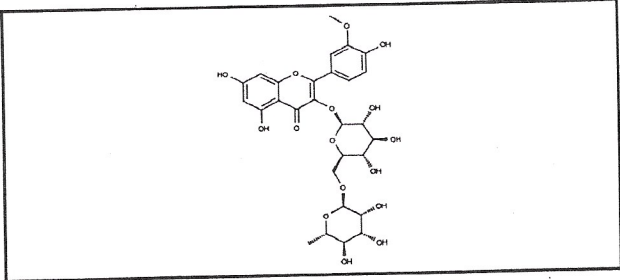
INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

021333S **ISORHAMNETIN-3-O-RUTINOSIDE** **Lot No.: 20121903**

CAS RN	604-80-8
MOL FORMULA	C ₂₈ H ₃₂ O ₁₆
MOL WEIGHT	624,56



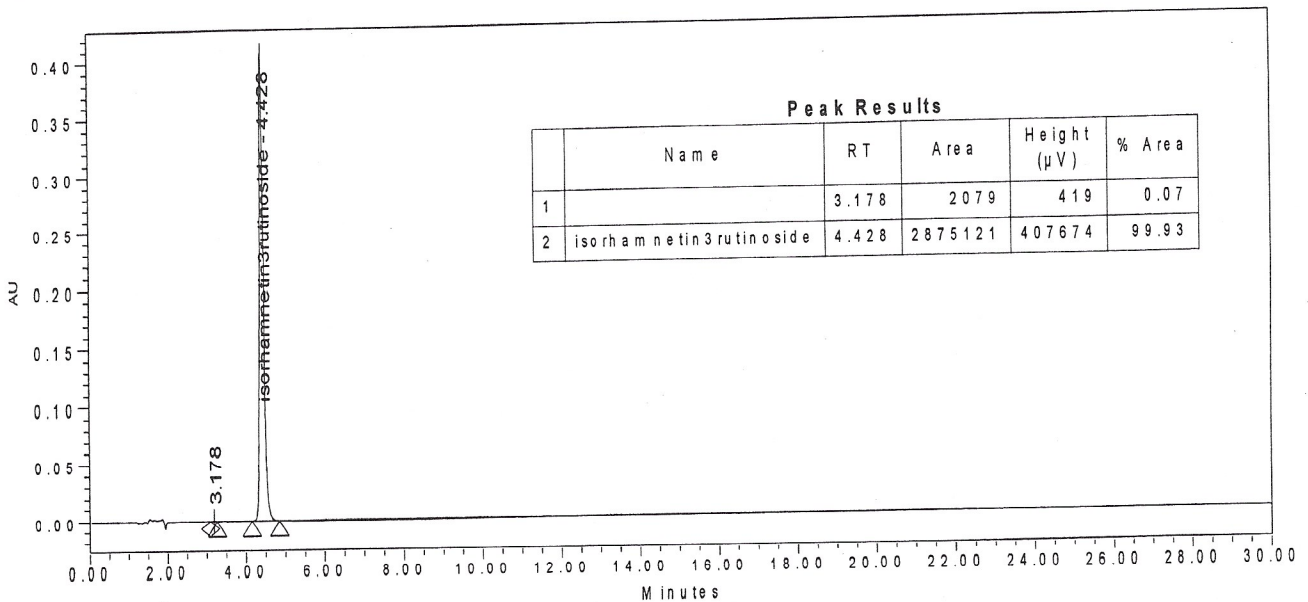
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Yellow powder	Conform
Water content	KF	% w/w		4,7
Residual solvents	GC-HS	% w/w		< 0,1
Inorganics	ICP-MS	% w/w		0,1
Purity	HPLC	% area	≥ 99,0	99,9
Assay	Calculated (*)	% w/w		95,1

(*) 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 75 / ACN 25 (v/v)
 Detection : UV 254 nm

Temperature : 30°C
 Flow rate : 1 ml/min
 Injection volume : 5 µl
 Injection solvent : MeOH



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

TRANSPORT CONDITIONS : Ambient temperature