



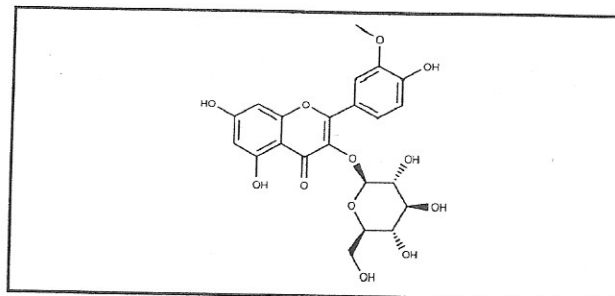
INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

021228 ISORHAMNETIN-3-O-GLUCOSIDE Lot No.: 19110801

CAS RN	5041-82-7
MOL FORMULA	C ₂₂ H ₂₂ O ₁₂
MOL WEIGHT	478,4



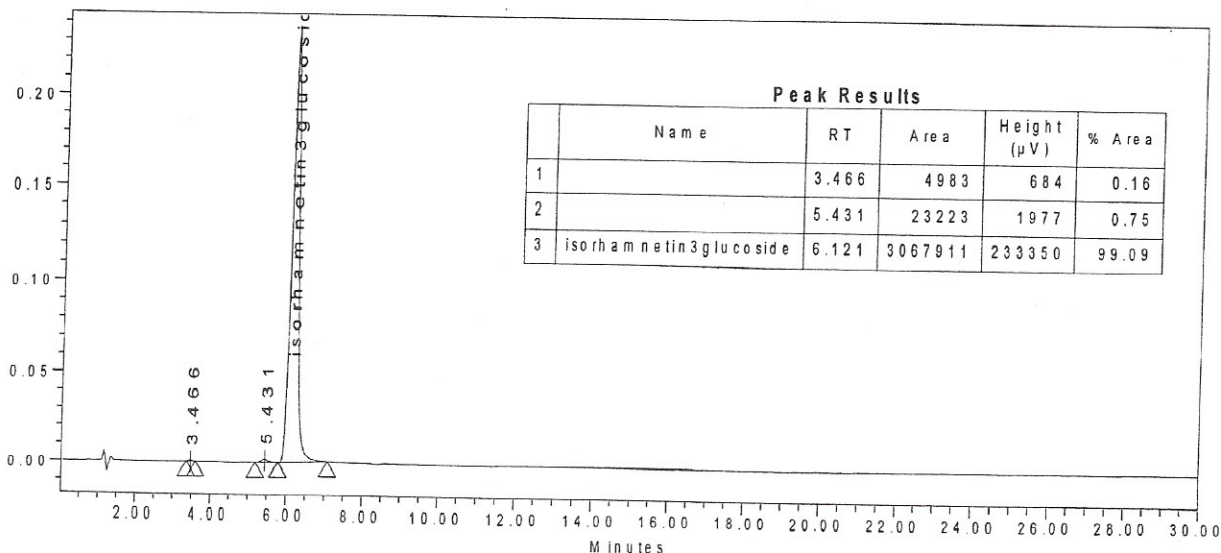
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Yellow powder	Conform
Water content	KF	% w/w		3,9
Residual solvents	GC-HS	% w/w		0,3
Inorganics	ICP-MS	% w/w		< 0,1
Purity	HPLC	% area	≥ 98,0	99,1
Assay	Calculated (*)	% w/w		94,9

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

CHROMATOGRAPHIC PURITY / HPLC

Column : Novapak C18 - 3,9x150 mm - 4 µm
 Mobile phase : Water + 5% AcOH 85 / ACN 15 (v/v)
 Detection : UV 254 nm

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



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

TRANSPORT CONDITIONS : Ambient temperature