



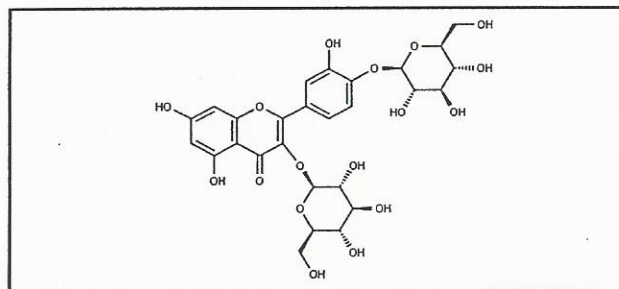
INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

021347S QUERCETIN-3,4'-di-O-GLUCOSIDE Lot No.: 17012504

CAS RN	29125-80-2
MOL FORMULA	C ₂₇ H ₃₀ O ₁₇
MOL WEIGHT	626,53



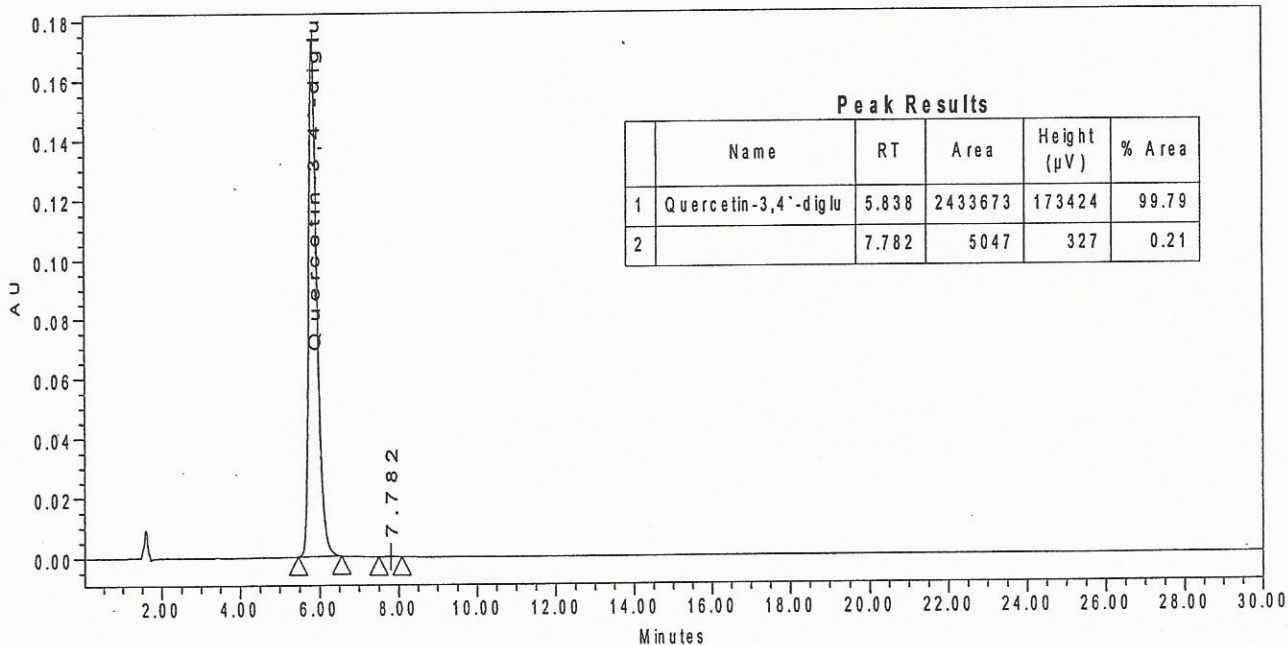
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Yellow powder	Conform
Water content	KF	% w/w		2,8
Residual solvents	GC-HS	% w/w		0,9
Inorganics	ICP-MS	% w/w		0,1
Purity	HPLC	% area	≥ 98,5	99,8
Assay	Calculated (*)	% w/w		96,0

(*) 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 90 / ACN 10 (v/v)
Detection : UV 265 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