



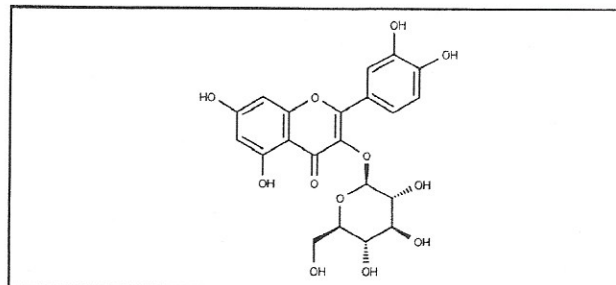
INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

021327S QUERCETIN-3-O-GLUCOPYRANOSIDE Lot No.: 20071935

CAS RN	482-35-9
MOL FORMULA	C ₂₁ H ₂₀ O ₁₂
MOL WEIGHT	464,38



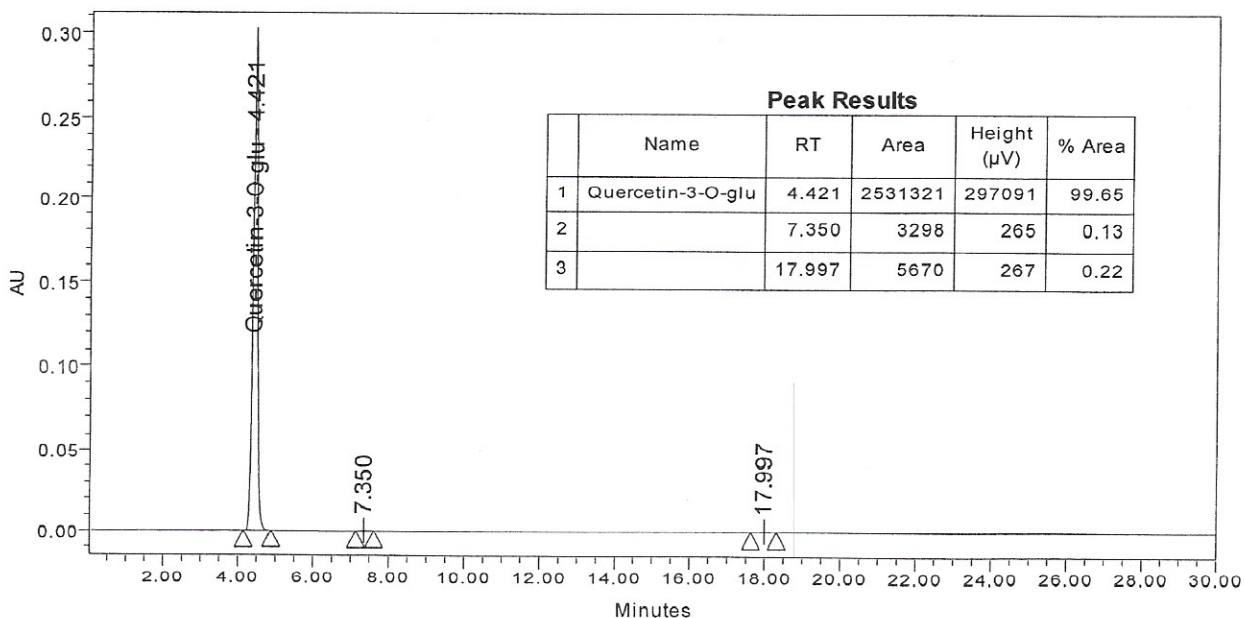
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Yellow powder	Conform
Water content	KF	% w/w		5,0
Residual solvents	GC-HS	% w/w		0,8
Inorganics	ICP-MS	% w/w		0,1
Purity	HPLC	% area	≥ 99,0	99,7
Assay	Calculated (*)	% w/w		93,8

(*) 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 55 / MeOH 35 / ACN 10 (v/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