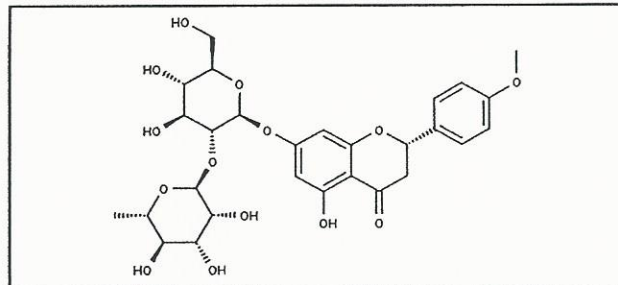


**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis**021133S****PONCIRIN****Lot No.: 11012513**

CAS RN	14941-08-3
MOL FORMULA	C ₂₈ H ₃₄ O ₁₄
MOL WEIGHT	594,57



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Beige to yellow powder	Conform
Chirality	Optical rotation	°	$[\alpha]_D = - (78 \pm 5) c=0,4$ in DMSO, 20°C	- 76
Water content	KF	% w/w		3,6
Residual solvents	GC-HS	% w/w		1,4
Inorganics	ICP-MS	% w/w		< 0,1
Purity	HPLC	% area	≥ 97,5	99,0
Assay	Calculated (*)	% w/w		94,0

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

CHROMATOGRAPHIC PURITY / HPLC

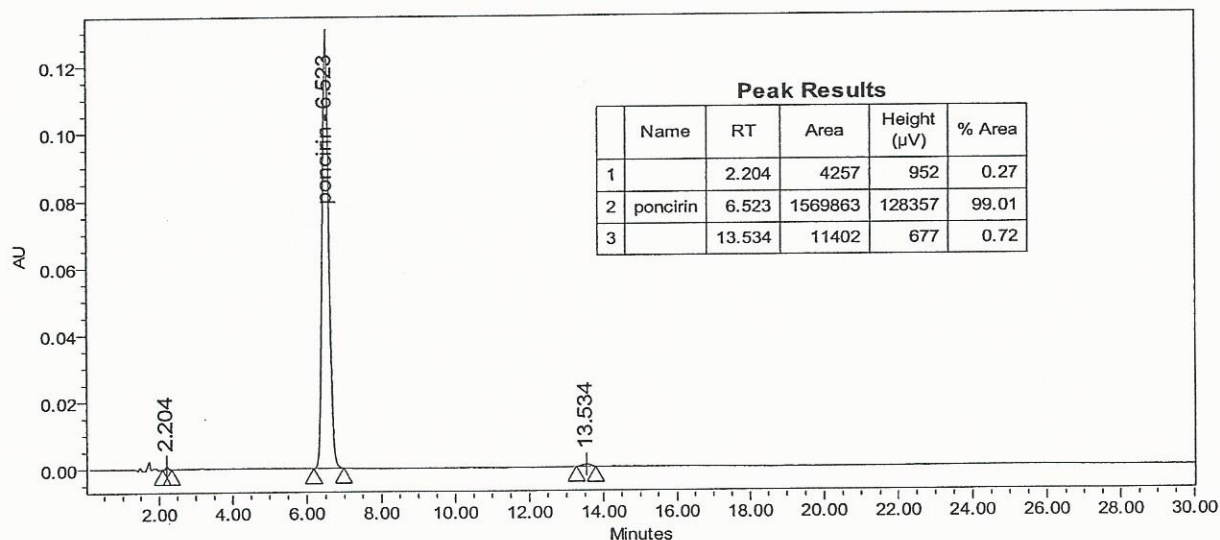
Column : Symmetry Shield RP18 - 4,6x150 mm - 3,5 µm
Mobile phase : Water + 0,3% H₃PO₄ 60 / MeOH 20 / ACN 20 (v/v/v)
Detection : UV 280 nm

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