

**INDOFINE Chemical Company, Inc.**

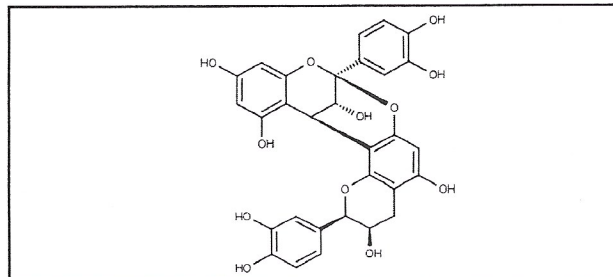
121 Stryker Lane, Bldg. 30

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Certificate Of Analysis**020985S****PROCYANIDIN A2****Lot No.: 21012805**

CAS RN	41743-41-3
MOL FORMULA	C ₃₀ H ₂₄ O ₁₂
MOL WEIGHT	576,52



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		White to beige powder	Conform
Chirality	Optical rotation	°	$[\alpha]_D = + (60 \pm 6) c=0,6$ in acetone, 20°C	+ 58
Water content	KF	% w/w		5,7
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		94,2

(*) 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 75 / Acetonitrile 25 (v/v)

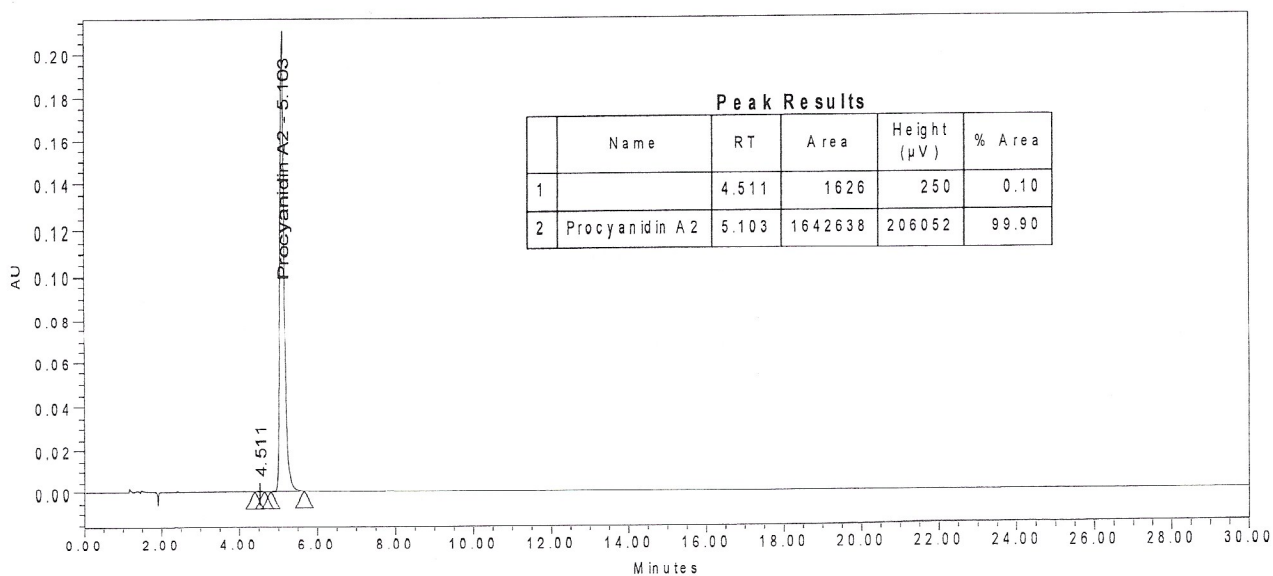
Detection : UV 280 nm

Temperature : 30°C

Flow rate : 1 ml/min

Injection volume : 5 µl

Injection solvent : MeOH



CAUTION : Unstable in solution

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

TEMPERATURE CONDITIONS : Ambient temperature