



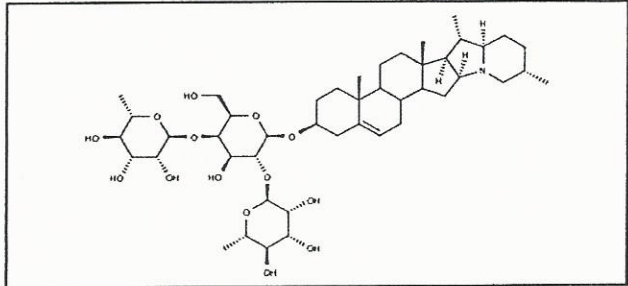
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HPLC ANALYSIS

021553S **α-CHACONINE** **Lot No.: 16100715**

CAS RN	20562-03-2
MOL FORMULA	C ₄₅ H ₇₃ NO ₁₄
MOL WEIGHT	852,08



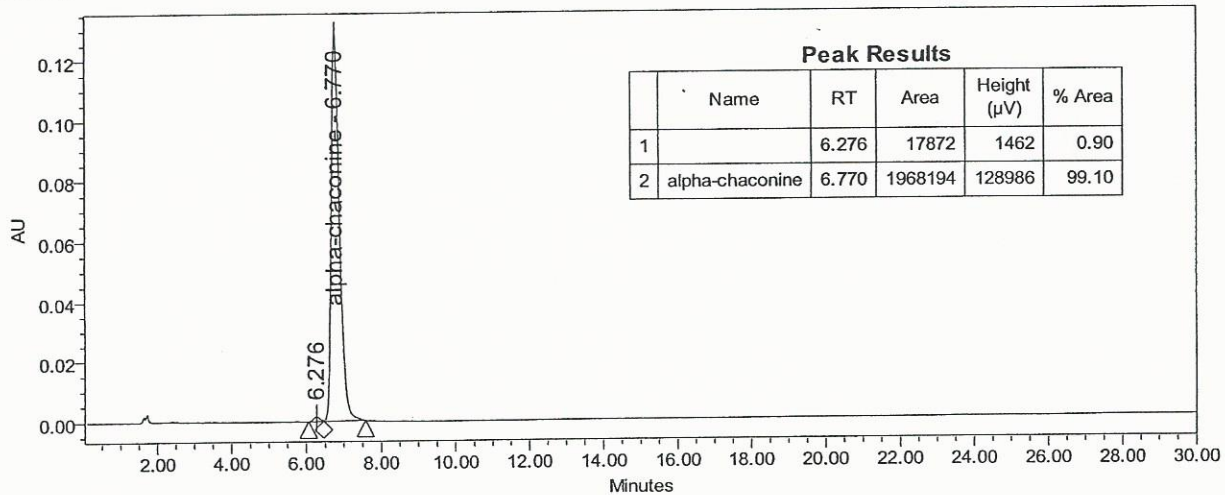
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		White to beige powder	Conform
Water content	KF	% w/w		3,2
Residual solvents	GC-HS	% w/w		< 0,1
Inorganics	ICP-MS	% w/w		< 0,1
Purity	HPLC	% area	≥ 98,0	99,1
Assay	Calculated (*)	% w/w		95,9

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

CHROMATOGRAPHIC PURITY / HPLC

Column : Novapack C18 - 3,9x150 mm - 4 μm
 Mobile phase : Ammonium phosphate buffer 0,1M pH 3,5 75 / ACN 25 (v/v)
 Detection : UV 200 nm

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



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