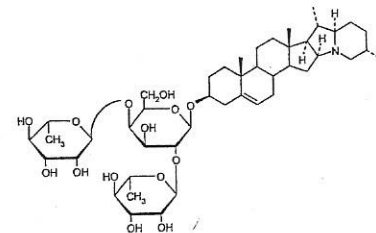




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HPLC **Lot No.: 14092613**

α-CHACONINE **021553S**

IDENTIFICATION

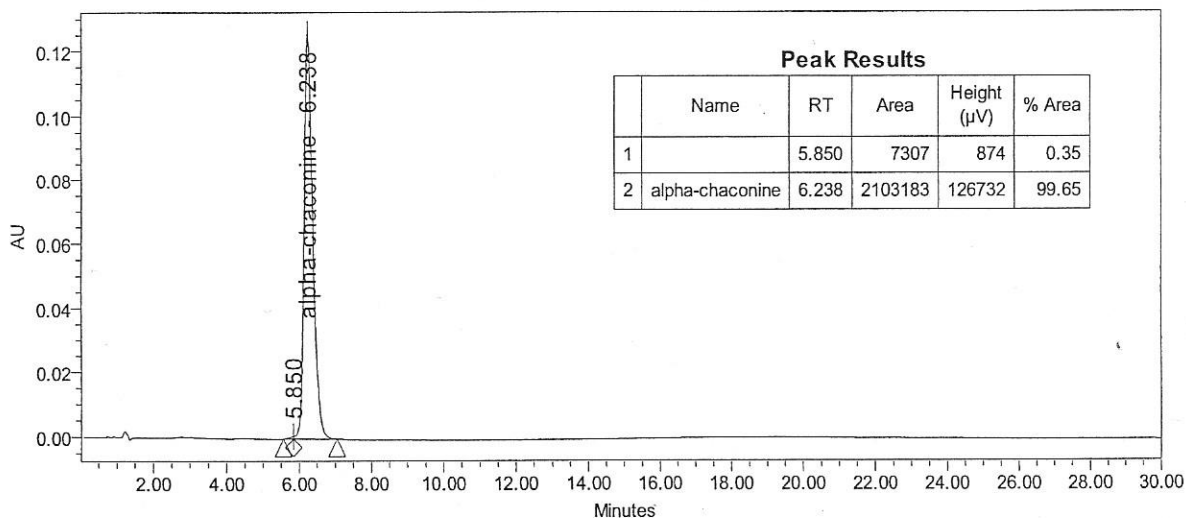
CAS number	[20562-03-2]
Chemical family	Alkaloids
Molecular formula	C ₄₅ H ₇₃ NO ₁₄
Molecular weight	852.08

CERTIFICATE OF ANALYSIS

Appearance	White powder	
Melting point	233-234°C, dec	
Moisture	6.0%	
Residual solvents	<0.5%	
Thin layer chromatography	support	Silicagel
	solvent	methylene chloride / methanol/NH ₄ OH 2% aq (55/45/5, V/V/V)
	detection	p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1, V/V/V) then heating 10 mn at 110°C
N content	1.55% N	
Storage	Harmful. Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use.	

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Nova pak C18® rad pak (3.9 x 150 mm), particle size 4 μm
Solvent	Tampon 0.1M monobasic ammonium phosphate pH3.5 / Acetonitrile (75/25, V/V)
Flow rate	1 ml/min
Detector	UV visible 200 nm
Sample solvent	Mobile phase



Assay by an HPLC method.

Date of last QC-recheck *September 2014*
Date of retest *September 2018*

The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.