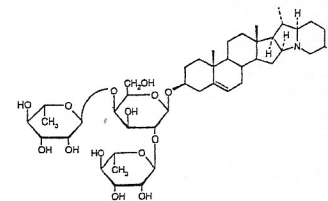


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**HPLC****Lot No.: 12101211****alpha-CHACONINE****021553S****IDENTIFICATION**

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

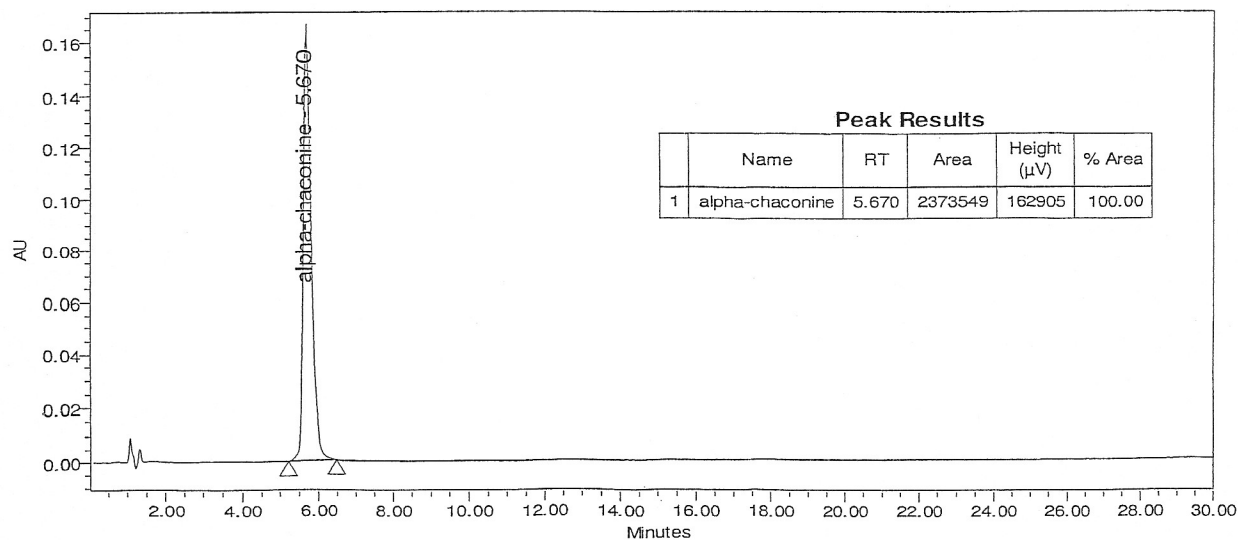
**CERTIFICATE OF ANALYSIS**

Appearance White powder  
 Melting point 232-233°C, dec  
 Moisture 2.8%  
 Residual solvents <0.5%  
 Thin layer chromatography support Silicagel  
 solvent methylene chloride /methanol/NH<sub>4</sub>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 1.53% 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 *October 2012*Date of retest *October 2016**The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.*