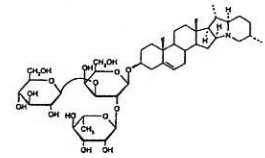




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HPLC Lot No.: 14102407

α-SOLANINE

021652S

IDENTIFICATION

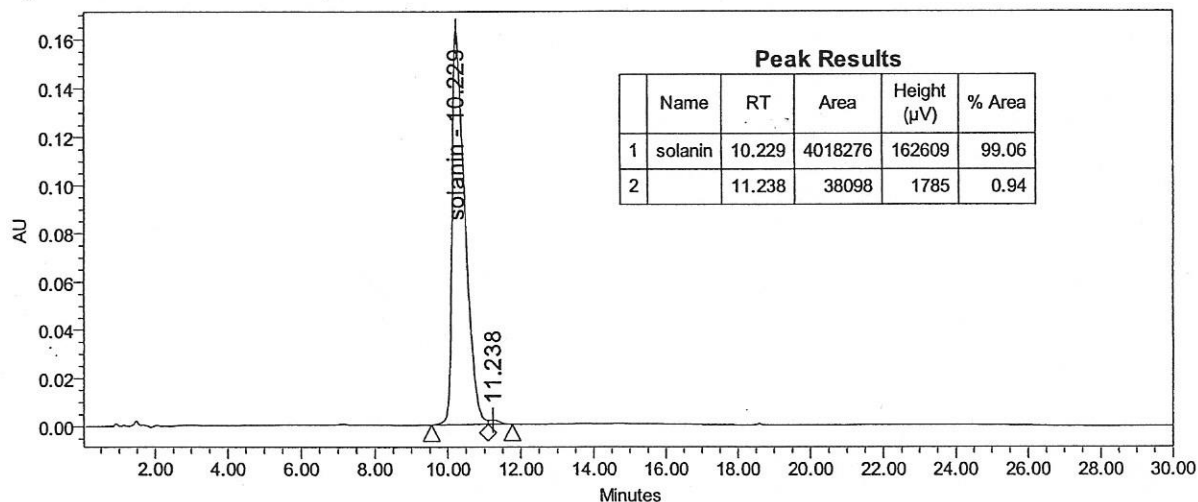
CAS number [20562-02-1]
Synonym name Solatunine
Chemical family Alkaloids
Molecular formula C₄₅H₇₃NO₁₅
Molecular weight 868.08

CERTIFICATE OF ANALYSIS

Appearance White powder
Moisture 4.7%
Residual solvent < 0.5%
Thin layer chromatography support Silicagel
solvent Methylene chloride /methanol/NH₄OH 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 Draggendorf
N content 1.49 % N
Storage **TOXIC** . Store in a dry and dark place.
Place in a desiccator under vacuum before use.

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column Nova pak C18® (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 November 2014
Date of retest November 2018

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