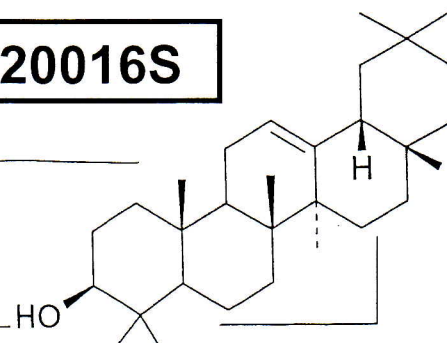


**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

H P L C**Batch: 16****β-AMYRIN****020016S****IDENTIFICATION**

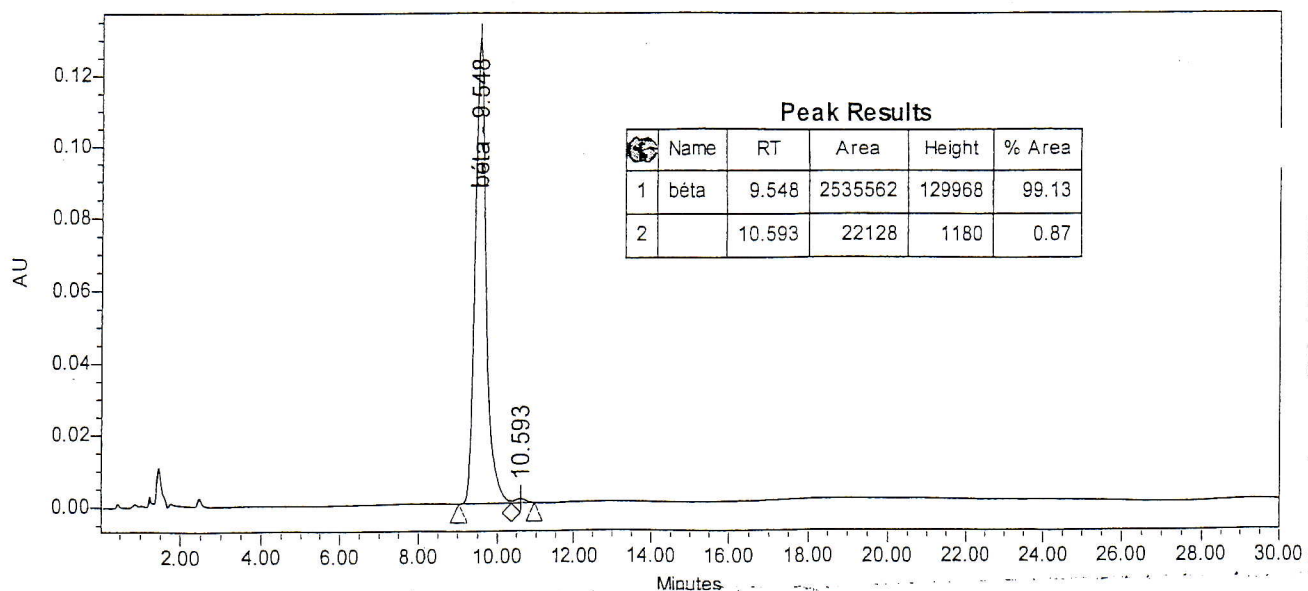
CAS number [559-70-6]
Chemical family Triterpenoids
Chemical name Olean-12-en-3β-ol
Molecular formula C₃₀H₅₀O
Molecular weight 426.68

**CERTIFICATE OF ANALYSIS**

Appearance White powder
Melting point 189-191°C
[α]_D +90.6 ° c=0.3 in methylene chloride
Thin layer chromatography support Silicagel
solvent Hexane/ Ethyl acetate (85/15,V/V)
detection p-anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V) then heating at 110°C 10 mn
Storage Store at room temperature in a dry and dark place. Place in a desiccator under vacuum for 48 hours before use.

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column Nova pak C18® (3.9 x 150 mm), particle size 4 μm
Solvent Water / Methanol (2/98 , V/V)
Flow rate 1 ml/mn
Detector UV visible 210 nm
Sample solvent Methanol



Product no-certified. Assay by an HPLC method.

Date of last QC-recheck : 07/13/2004

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