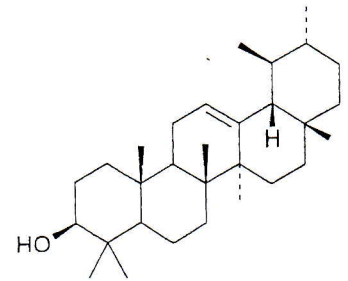




INDOFINE Chemical Company, Inc.

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



**H P L C**

**Batch: 06**

**$\alpha$ -AMYRIN**

**020015S**

**IDENTIFICATION**

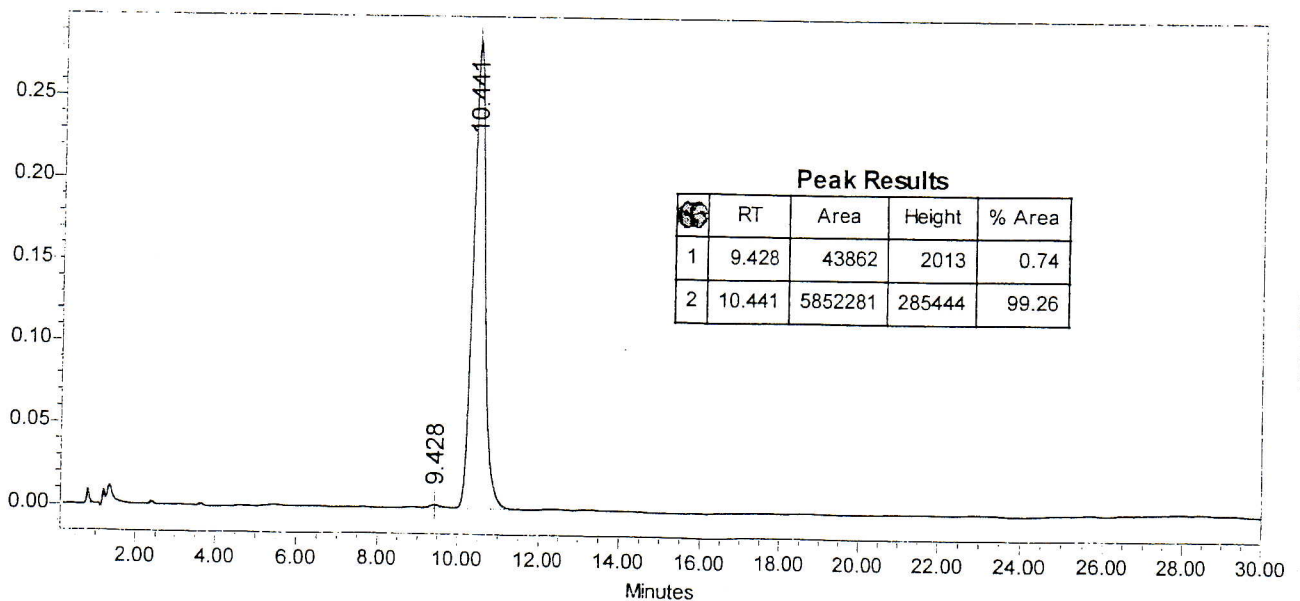
CAS number [638-95-9]  
Chemical family Triterpenoids  
Chemical name Urs-12-en-3 $\beta$ -ol  
Molecular formula C<sub>30</sub>H<sub>50</sub>O  
Molecular weight 426.72

**CERTIFICATE OF ANALYSIS**

Appearance White powder  
Melting point 180°C  
Moisture 0.7%  
[ $\alpha$ ]<sub>D</sub> +81.4° (c=0.3 in methylene chloride)  
Thin layer chromatography support Silicagel  
solvent Methylene chloride/ methanol (97/3, 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  $\mu$ m  
Solvent Water / Methanol (5/95 , V/V)  
Flow rate 1 ml/mn  
Detector UV visible 210 nm  
Sample solvent Ethanol



Product no-certified. Assay by an HPLC method.  
Date of last QC-recheck : 09/13/2005

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