



INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

020031S

BETULINIC ACID

Lot No.: 07010207

IDENTIFICATION

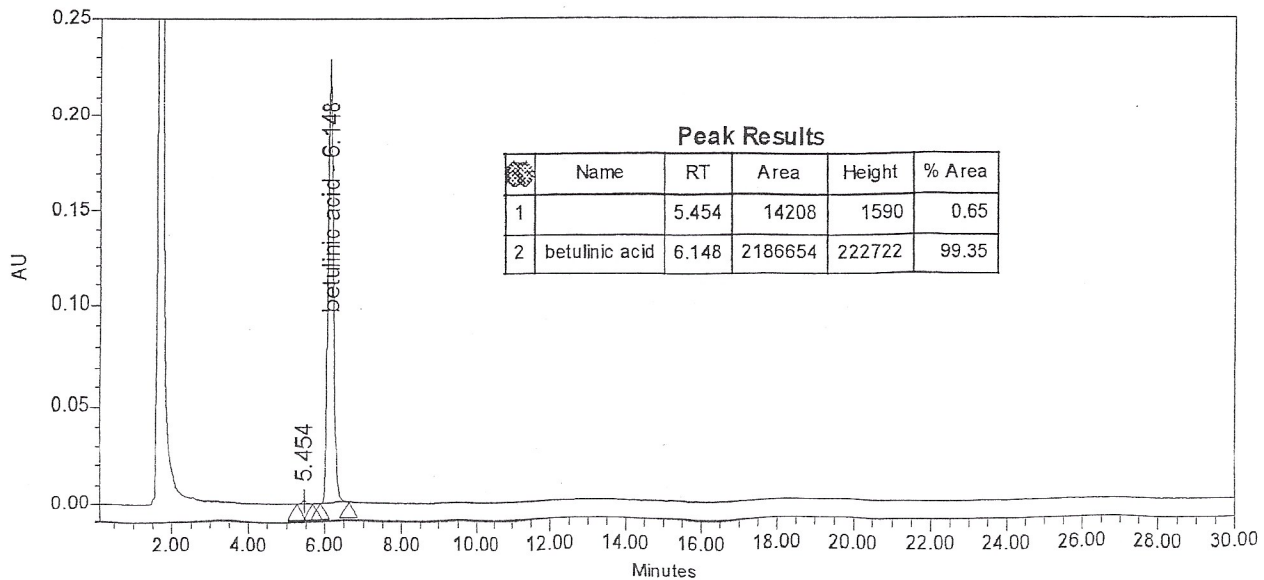
CAS number [472-15-1]
Chemical family Triterpenoids
Synonym 3 β -Hydroxy-20(29)lupene-28-oic acid
Molecular formula C₃₀H₄₈O₃
Molecular weight 456.71

CERTIFICATE OF ANALYSIS

Appearance White powder
Melting point 307-309°C
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 Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 μ m
Solvent Water / Acetonitrile (5/95, V/V)
Flow rate 1 ml/mn
Detector UV visible 200 nm
Sample solvent Methanol



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