



INDOFINE Chemical Company, Inc.

P.O. BOX 473 Somerville, NJ 08876 USA

Phone: (908) 359-6778; Fax: (908) 359-1179

H P L C

Batch: 13

β -Amyrin

020016S

IDENTIFICATION

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

CERTIFICATE OF ANALYSIS

Appearance White powder
Melting point 190-197°C
Moisture ≤ 500 ppm
Thin layer chromatography support Silicagel
solvent Hexane / Ethyl acetate
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 μ m
Solvent Water / Methanol (2/98, V/V)
Flow rate 1 ml/mn
Detector UV visible 210 nm
Capacity factor 3.41
Sample solvent Methylene chloride / Methanol

