Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence: Manufacturing site:

935 Dillon Drive
Wood Dale, IL 60191
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 02619

Product Acetyl-L-leucine amide

Lot Number 000127-1068002

Ac-L-Leu-NH₂

 $\begin{array}{ll} \textbf{CAS Number} & 28529\text{-}34\text{-}2 \\ \textbf{Molecular Formula} & C_8H_{16}N_2O_2 \end{array}$

Molecular Weight 172.2

Appearance White powder

Solubility Clear, colorless solution (50 mg/mL in Methanol)

Elemental Analysis

(Found)

Water Content (Karl 2.4%

Fisher)

TLC System Chloroform/Methanol/Acetic acid/Water (45/13/1/2)

Chloroform/Methanol (8/2) Plate: Silica gel 60 F₂₅₄

C = 55.4%, H = 9.2%; N = 16.2%

Detected by: UV, ninhydrin, chlorine-tolidine

Optical Rotation [a]²⁴_D = -21.5 ° (C=1 in water)

Assay 99.8% (Nfd 16.24% by Elemental analysis)

Purity by TLC > 99%

Storage Store at 0 - 8 °C

Remarks See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Bala Kumar

Quality Control Manager