

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 02615
Product **Acetyl-L-isoleucine**

Lot Number 000424-180610-16007
Ac-L-Ile-OH

CAS Number 3077-46-1
Molecular Formula C₈H₁₅NO₃

Molecular Weight 173.22

Appearance White crystalline powder
Solubility Clear solution (0.3 g in 2 mL MeOH)
Melting Point 150.2 - 150.5 °C
Elemental Analysis (Theory) < 5% (C, H, N)
Water Content (Karl Fisher) 0.08%
Optical Rotation [α]²⁰_D = 12.2 ° (C=1 in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.04% (70 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 99.75%
Storage Store at RT

Certificate of Analysis

Catalog Number: 02615

Lot Number: 000424-180610-16007

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