

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 02604
Lot Number 001902-640-1
Product **Acetyl-L-alanine**

Ac-L-Ala-OH

CAS Number 97-69-8
Molecular Formula C₅H₉NO₃

Molecular Weight 131.1

Appearance White powder
Melting Point 119.0-123.0 °C
Water Content (Karl Fisher) 0.2%
Optical Rotation [α]_D²⁰ = -64.4° (C=2 in H₂O)
Loss on Drying 0.8%
Residue On Ignition 0.3%
Assay by titration 98.3%
D-Enantiomer < 0.1%
Purity by TLC > 98%
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