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Product Specifications

Catalogue Number 02604

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 117.0-125.0 °C

Water Content (Karl Fisher) ≤ 0.5%

Optical Rotation [α]_D²⁰ = -64 ± 2° (C=2 in H₂O)

Loss on Drying ≤ 1%

Residue On Ignition ≤ 0.5%

Assay by titration ≥ 98%

D-Enantiomer ≤ 0.5%

Purity by TLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only