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Certificate of Analysis

Catalogue Number 33423
Product *N*-(Phenoxycarbonyl)-L-valine

Lot Number 002959-001-19

CAS Number 126147-70-4

Molecular Formula C₁₂H₁₅NO₄

Molecular Weight 237.25

Appearance White powder

Melting Point 82.6 - 84.7 °C

Water Content (Karl Fisher) 0.14%

Optical Rotation [α]²⁵_D = -15.6 ° (C = 5 in Ethanol, on dried basis)

Infrared Spectrum Conforms to structure

Loss on Drying 0.28% (60 °C, under vacuum, 2h)

Related Substances Impurity at about 1.15 RRT : 0.26%
Any other individual impurity : 0.02%
Total impurities : 0.36%

Purity by HPLC 99.64%

Storage Store at RT

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