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Product Specifications

Catalogue Number	33423
Product	<i>N</i>-(Phenoxycarbonyl)-<i>L</i>-valine
CAS Number	126147-70-4
Molecular Formula	C ₁₂ H ₁₅ NO ₄
Molecular Weight	237.25

Appearance	White to off-white powder
Melting Point	80 - 86 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] ²⁵ _D = -14 to -18 ° (C = 5 in Ethanol, on dried basis)
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5% (60 °C, under vacuum, 2h)
Related Substances	Impurity at about 1.15 RRT : ≤ 2% Any other individual impurity : ≤ 0.5% Total impurities : ≤ 3%
Purity by HPLC	≥ 99%
Storage	Store at RT

For Laboratory Use Only