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Product Specifications

Catalogue Number	06178
Product	L-Phenylalanine cyclohexylamide L-Phe-Cyclohexylamide
CAS Number	17186-53-7
Molecular Formula	C ₁₅ H ₂₂ N ₂ O
Molecular Weight	246.36
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Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in MeOH)
Melting Point	99 - 103 °C
Elemental Analysis (Theory)	C = 73.13 ± 1%; H = 9.00 ± 1%; N = 11.37 ± 1%
TLC System	Chloroform/Methanol/Toluene/water (8:8:8:1) Ethylacetate/Pyridine/Acetic Acid/Water (60:20:6:11) Chloroform/Methanol/Acetic Acid (77.5:15:7.5) plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Optical Rotation	[α] _D ²⁴ = 40 ± 2 ° (C=1% in MeOH)
Assay	≥ 99% (Elemental Analysis based on Nitrogen content)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only