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Certificate of Analysis

Catalogue Number	06178
Product	L-Phenylalanine cyclohexylamide
Lot Number	000127-1056742
	L-Phe-Cyclohexylamide
CAS Number	17186-53-7
Molecular Formula	C ₁₅ H ₂₂ N ₂ O
Molecular Weight	246.36

Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in MeOH)
Melting Point	101 °C
Elemental Analysis (Found)	C = 73.10%; H = 8.99%; N = 11.45%
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	100.7% (Nfd 11.45%)
Purity by TLC	> 99%
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