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Certificate of Analysis

Catalogue Number 06183
Lot Number 000127-1035000
Product **L-Phenylalanine pyrrolidide**

L-Phe-pyrrolidide

CAS Number 56414-89-2
Molecular Formula C₁₃H₁₈N₂O

Molecular Weight 218.3

Appearance White powder
Solubility Clear, colorless solution (50 mg/mL in methanol)
Melting Point 76 °C
Elemental Analysis (Found) C = 71.31%, H = 8.30%, N = 12.72%
TLC System Chloroform/Methanol/Benzene/H₂O (8:8:8:1)
Chloroform/Methanol/Acetic Acid (98-100%)/H₂O (45:13:1:2)
Ethylacetate/Pyridine/Acetic Acid/H₂O (60:20:6:11)
plate : silicagel 60 F₂₅₄
Detected by : UV, ninhydrin, chlorine-tolidine
Optical Rotation [α]_D²⁴ = 89.7 ° (C=1 in MeOH)
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