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Certificate of Analysis

Catalogue Number	04334
Lot Number	000127-1013007
Product	Acetyl-4-amino-L-phenylalanine methyl ester Ac-L-Phe(4-NH ₂)-OMe•HCl Acetyl- <i>p</i> -amino-L-Phe-OMe•HCl C ₁₂ H ₁₆ N ₂ O ₃ .HCl
Molecular Formula	
Molecular Weight	272.73

Appearance	Pale pink powder
Solubility	Clear colorless solution (50 mg/mL in Methanol)
Melting Point	103.5 °C
Elemental Analysis (Theory)	C = 61.00%, H = 6.83%, N = 11.86%
Elemental Analysis (Found)	C = 60.83%, H = 6.98%, N = 11.86%
TLC System	Chloroform/Methanol/Acetic acid (85:10:5) Chloroform/Methanol/Benzene/H ₂ O (8:8:8:1) Chloroform/MeOH/Acetic Acid/H ₂ O (85:13:0.5:1.5) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = +39.7 ° (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