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Certificate of Analysis

Catalogue Number	14922
Lot Number	000127-1038979
Product	3-(3-Pyridyl)-D-alanine methyl ester dihydrochloride β -(3-Pyridyl)-D-Ala-OMe•2HCl
CAS Number	197088-84-9
Molecular Formula	C ₉ H ₁₂ N ₂ O ₂ •2HCl
Molecular Weight	253.13
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Appearance	White powder
Appearance of Solution	Clear colorless solution (50 mg/mL in Methanol)
Melting Point	196 °C
TLC System	Ethylacetate/Pyridine/Acetic Acid/H ₂ O (60/60/12/36) Chloroform/MeOH/Acetic Acid/H ₂ O (60/45/14/6) n-Butanol/Acetic acid/H ₂ O (4:2:2) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = -20.1° (C=1% in MeOH)
Titration	100.3% (Chloride content)
Assay	98.9% (Nth 11.07%, Nfd 10.95%)
Purity by TLC	> 99%
Storage	Store at 0-8 °C

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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