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Certificate of Analysis

Catalogue Number	16406
Lot Number	1019531
Product	N-Methyl-DL-phenylalanine methyl ester hydrochloride N-Me-DL-Phe-OMe•HCl
CAS Number	16975-45-4
Molecular Formula	C ₁₁ H ₁₅ NO ₂ •HCl
Molecular Weight	229.71
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Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in MeOH)
Melting Point	141° C
Elemental Analysis (Found)	C: 57.07%, H: 6.93%, N: 6.11%
Water Content (Karl Fisher)	0.4%
TLC System	n-butanol/acetic acid/water 4/2/2 Ethylacetate/pyridine/acetic acid/water 60/20/6/11 Chloroform/methanol/acetic acid/water: 45/13/1/2 Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC	> 99%
Storage	Store at RT
Additional Information	Chloride content: 15.5%

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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