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Certificate of Analysis

Catalogue Number	06194
Lot Number	000127-0563446
Product	L-Proline 4-methoxy-β-naphthylamide hydrochloride L-Pro-4M β NA•HCl
CAS Number	100930-07-2
Molecular Formula	C ₁₆ H ₁₈ N ₂ O ₂ •HCl
Molecular Weight	306.82

Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in Methanol)
Elemental Analysis (Theory)	C = 62.64%; H = 6.24%; N = 9.13% Calc. as HCl
Elemental Analysis (Found)	C = 62.98%; H = 5.92%; N = 9.09% Calc. as HCl
Water Content (Karl Fisher)	0.6%
TLC System	n-Butanol/Acetic acid/Water (4:2:2) Chloroform/Methanol/Acetic acid 32% (5:3:1) Ethyl acetate/Pyridine/Acetic acid/H ₂ O(60:20:6:11) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Related Substances	4-Methoxy-b-naphthylamide by TLC: < 0.1%
Titration	11.4% Chloride content (AgNO ₃)
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