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Certificate of Analysis

Catalogue Number	04550
Lot Number	000127-1068301
Product	Glycine β-naphthylamide hydrochloride Gly- β NA•HCl
CAS Number	1208-12-4
Molecular Formula	C ₁₂ H ₁₂ N ₂ O•HCl
Molecular Weight	236.7

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in Methanol)
Elemental Analysis (Found)	C = 60.3%; H = 5.6%; N = 11.7% calc.x 0.05 H ₂ O (0.4%)
Water Content (Karl Fisher)	0.4%
TLC System	Chloroform/Methanol/Acetic acid 32% (5:3:1) Chloroform/Methanol/Acetic acid/H ₂ O (70:42:0.5:10) Chloroform/Methanol/Amonia 17% (2:2:1) Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, TMB
Related Substances	b-Naphtylamine : \leq 0.1%
Titration	99.9% (Chloride content)
Assay	98.8% (Nfd : 11.69% Elemental analysis)
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