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Certificate of Analysis

Catalogue Number 08467
Lot Number 000127-1006789
Product **DL-tryptophan amide hydrochloride**

DL-Trp-NH₂•HCl

CAS Number 67607-61-8
Molecular Formula C₁₁H₁₃N₃O•HCl

Molecular Weight 239.7

Appearance White powder
Appearance of Solution Clear light yellowish solution (50mg/mL in Methanol)
Elemental Analysis (Theory) C = 55.1%; H = 5.9%; N = 17.5%
Elemental Analysis (Found) C = 54.7%; H = 5.9%; N = 17.4% Calc. As 1 MW HCl (14.8% Cl-)
Anion Chloride (Cl-) = 14.8% (Titration)
TLC System n-Butanol/Acetic acid/H₂O (4:2:2) Chloroform/MeOH/Acetic Acid 32% (5:3:1)
Ethylacetate/Pyridine/Acetic Acid/H₂O (60/30/9/16.5)
Plate: silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine
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