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Product Specifications

Catalogue Number 08309

Product **Ala-Pro-NH₂•HCl**

CAS Number 76399-73-0

Molecular Formula C₈H₁₅N₃O₂•HCl

Molecular Weight 221.69

Appearance White to off-white solid or powder

Solubility Clear, colorless solution (50 mg/ml in MeOH)

TLC System Chloroform/Methanol/Acetic acid/H₂O (60:45:14:6)
Ethyl acetate/Pyridine/Acetic acid/H₂O (6:4:1:3)
Ethyl acetate/Pyridine/Acetic acid/H₂O (60:60:12:36)
[Plate: Silica gel 60 F₂₅₄](#)

Detected by: UV, ninhydrin, chlorine-tolidine

Assay ≥ 76% (Elemental Analysis based on Nitrogen content)

Assay by titration ≥ 14% (Chloride)

Purity by TLC ≥ 99%

Storage Store at ≤-4°C

For Laboratory Use Only