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Product Specifications

Catalogue Number 03279

Product **Ala-Ala-Phe-pNA**

Ala-Ala-Phe *p*-nitroanilide

CAS Number 61043-41-2

Molecular Formula C₂₁H₂₅N₅O₅

Molecular Weight 427.46

Appearance White powder

Appearance of Solution Clear yellowish solution (50 mg/ml in AcOH 80%)

TLC System Ethylacetate/ pyridine/ acetic acid/ water: (60/20/6/11)
Chloroform/ methanol/ acetic acid (98-100%)/ water: (45/13/1/2)
Chloroform/ methanol/ toluene/ water: 8/8/8/1
Plate: silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Related Substances ≤ 0.1% (pNA)

Assay ≥ 99% (Nth 16.38% by elemental analysis)

Purity by TLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only