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Product Specifications

Catalogue Number 05928

Product **D-Ala-Gly-OH**

D-Alanyl glycine

CAS Number 3997-90-8

Molecular Formula C₅H₁₀N₂O₃

Molecular Weight 146.15

Appearance White Powder

Solubility Clear colorless solution (5% in water)

Elemental Analysis (Theory) C= 41.09 ± 0.2%, H= 6.90 ± 0.3%, N= 19.17 ± 0.1

Water Content (Karl Fisher) ≤ 0.5%

TLC System n-Butanol/Acetic acid/Water : (4:2:2)
Isopropanol/Ammonium hydroxide, conc : (1:1)
detected by : Chlorine-Tolidine

Optical Rotation [α]²⁴_D = -51 ± 1 ° (C=1 in water)

Purity by TLC ≥ 99%

Storage Store at 0-8°C

For Laboratory Use Only