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Product Specifications

Catalogue Number 04358

Product **Acetyl-glycine methyl amide**

Ac-Gly-NHMe

CAS Number 7606-79-3

Molecular Formula C₅H₁₀N₂O₂

Molecular Weight 130.15

Appearance White powder

Appearance of Solution Clear, colorless solution (50 mg/mL in MeOH)

Melting Point 153-161 °C

Elemental Analysis (Found) C = 45.82 ± 0.5%; H = 7.70 ± 0.5%; N = 21.42 ± 0.5%
(Calculated as x 0.04 Water : 0.55%)

Water Content (Karl Fisher) ≤ 1%

TLC System Chloroform/Methanol/Acetic Acid (77.5:15:7.5)
Ethylacetate/Pyridine/Acetic Acid/H₂O (60:20:6:11)
Chloroform/MeOH/Acetic Acid (98-100%)/H₂O (45:13:1:2)
plate: silicagel 60 F₂₅₄
detected by: UV, ninhydrin, chlorine-tolidine

Purity by TLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only