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Certificate of Analysis

Catalogue Number 04358
Lot Number 000127-1039113
Product **Acetyl-glycine methyl amide**

Ac-Gly-NHMe

CAS Number 7606-79-3
Molecular Formula C₅H₁₀N₂O₂

Molecular Weight 130.15

Appearance White powder
Solubility Clear, colorless solution (50 mg/mL in Methanol)
Melting Point 159 °C
Elemental Analysis (Theory) C = 45.89%; H = 7.76%; N = 21.41%
Calc x 0.04 H₂O (0.55%)
Elemental Analysis (Found) C = 45.82%; H = 7.70%; N = 21.42%
Calc x 0.04 H₂O (0.55%)
Water Content (Karl Fisher) 0.4%
TLC System Chloroform/methanol/Acetic Acid (77.5:15:7.5)
Ethylacetate/Pyridine/Acetic Acid/H₂O (60:20:6:11)
Chloroform/methanol/Acetic Acid (98-100%)/H₂O (45:13:1:2)
Plate: Silica gel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC > 99.0%
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