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Product Specifications

Catalogue Number 06040

Product **L-Glutamic acid γ -anilide**

L-Glu(anilide)-OH

L-Glutamic acid 5-anilide

CAS Number 5963-60-0

Molecular Formula C₁₁H₁₄N₂O₃

Molecular Weight 222.24

Appearance White powder

Solubility Clear, colorless solution (50mg/mL in 80% AcOH)

Elemental Analysis (Theory) C: 59.50 $\pm$ 0.5%, H: 6.50 $\pm$ 0.5%, N: 12.50 $\pm$ 0.5%

Water Content (Karl Fisher) $\leq$ 0.5%

TLC System n-Butanol/Acetic acid/Water (4:2:2)
Chloroform/Methanol/Acetic acid 32% (5:3:1)
Chloroform/Methanol/Acetic acid/Water: 70/42/0.5/10
Plate: silicagel 60 F₂₅₄
detected by: UV, ninhydrin, chlorine-tolidine

Purity by TLC $\geq$ 99%

Storage Store at 0-8 °C

For Laboratory Use Only