

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 06040
Lot Number 000127-1069122
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: 59.52%, H: 6.6%, N: 12.50%
Water Content (Karl Fisher) 0.3%
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
Assay 99.5% (Elemental analysis, Nth 12.6%, Nfd 12.53%)
Assay by titration 100.0% (HClO₄)
Purity by TLC > 99%
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