

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	08797
Lot Number	0569884
Product	Leu-Gly-NH₂•HBr

L-Leucylglycine amide hydrobromide

CAS Number	28671-28-5
Molecular Formula	C ₈ H ₁₇ N ₃ O ₂ •HBr

Molecular Weight	268.15
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Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in H ₂ O)
Elemental Analysis (Theory)	C = 35.8%; H = 6.8%; N = 15.7%
Elemental Analysis (Found)	C = 35.7%, H = 6.6%, N = 15.6%
Water Content (Karl Fisher)	0.2%
TLC System	n-butanol/Acetic Acid/H ₂ O (4:2:2) Chloroform/Methanol/Acetic Acid 32% (5:3:1) Ethylacetate/Pyridine/Acetic Acid/H ₂ O (60:30:9:16.5) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay	99.2% (Elemental analysis, Nth 15.67%, Nfd 15.55%)
Assay by titration	29.5% Br ⁻ (AgNO ₃)
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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager