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Product Specifications

Catalogue Number	06265
Product	L-Valine amide hydrobromide
	L-Val-NH ₂ •HBr
CAS Number	33529-85-0
Molecular Formula	C ₅ H ₁₂ N ₂ O•HBr
Molecular Weight	197.08

Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in 80% AcOH)
Elemental Analysis (Theory)	C: 30.50 ± 1%, H: 6.50 ± 1%, N: 14.50 ± 1%
TLC System	n-butanol/acetic acid/water 4/2/2 Chloroform/methanol/acetic acid 32% 5/3/1 Chloroform/methanol/acetic acid/water: 60/45/14/6 Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _{D24} = +20.5° ± 1° (c=1% in water)
Assay	≥ 99.9%
Purity by TLC	≥ 99%
Storage	Store at RT

For Laboratory Use Only