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Product Specifications

Catalogue Number	03298
Product	L-Arginine amide dihydrochloride
	L-Arg-NH ₂ •2HCl
CAS Number	14975-30-5
Molecular Formula	C ₆ H ₁₅ N ₅ O•2HCl
Molecular Weight	246.2

Appearance	White powder
Appearance of Solution	Clear colorless solution (50 mg/mL in Methanol)
Water Content (Karl Fisher)	≤ 7%
TLC System	n-Butanol/Acetic acid/H ₂ O (4/2/2) Methanol/Chloroform/Ammonia 17% (2/2/1) Ethylacetate/Pyridine/Acetic acid/H ₂ O (6/5/1/3) Plate : silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = 14 ± 2 ° (C=1 in H ₂ O)
Residual Solvents	Methanol : ≤ 10% Ether : ≤ 0.5%
Titration	Chloride content : ≤ 26% (AgNO ₃)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only