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Product Specifications

Catalogue Number	07112
Product	<i>N</i>^α-Benzoyl-L-arginine amide hydrochloride
	Bz-L-Arg-NH ₂ •HCl
CAS Number	4299-03-0
Molecular Formula	C ₁₃ H ₁₉ N ₅ O ₂ •HCl
Molecular Weight	313.8
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Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in Methanol)
Water Content (Karl Fisher)	≤ 5%
TLC System	Chloroform/Methanol/Acetic acid 32% (5/3/1) Ethyl acetate/Pyridine/Acetic acid/Water (6/5/1/3) n-butanol/Acetic acid/Water (4/2/2) Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, Chlorine-tolidine
Optical Rotation	[α] ²⁴ _D = 7 ± 2 ° (C=1 in 1N HCl)
Titration	Chloride content : ≤ 11%
Assay	≥ 95% (Nth 22.32% by Elemental analysis) Calc x 1 HCl
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only