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Certificate of Analysis

Catalog Number	07112
Product Name	Bz-Arg-NH₂ · HCl Benzoyl-L-arginine amide hydrochloride
Lot Number	1028500
CAS Registry Number	4299-03-0
Molecular Formula	C ₁₃ H ₁₉ N ₅ O ₂ ·HCl
Molecular Weight	313.8
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in methanol)
Optical Rotation	$\alpha_D^{24} = +7.9^\circ$ (1% in 1N HCl)
Identification (TLC)	Complies with authentic material
Assay (Elemental analysis)	95.7% (Based on Nitrogen analysis) Theory : 22.32%, Found: 21.35% (Calc. x 1.0 HCl)
Assay by TLC	> 99%
CHCl₃/MeOH/acetic acid 32% 5/3/1	Plate: Silicagel 60 F ₂₅₄
Ethylacetate/pyridine/acetic acid/H₂O 6/5/1/3	Detected by: UV, Ninhydrin, TMB
n-Butanol/acetic acid/H₂O 4/2/2	
Water content (KF volumetric)	3.1%
Chloride content (titration)	10.7%
Storage	Store at RT.
Remarks	See Material Safety Data Sheets 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

