



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-555
Product Name	BOC-D-Arg-OH•HCl•H ₂ O N ^α -(t-Butyloxycarbonyl)-D-arginine hydrochloride hydrate
Lot Number	B1102-101
Molecular Formula	C ₁₁ H ₂₂ N ₄ O ₄ •HCl•H ₂ O
Molecular Weight	328.8
Melting Point	119°-121°C (d)
Appearance	White crystalline powder
Assay	99.6% by base titration
Chiral Purity	>99.5% by Chiral HPLC
Specific Rotation (α_D)	+8.3° (c=1.0, water)
Free Amino Acid	<0.5% by TLC
Loss on Drying	0.7%