



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-2011
Product Name	H-D-Lys(Boc)-OtBu•HCl N ^α -Boc-D-lysine t-butyl ester hydrochloride
Lot Number	0536812
Molecular Formula	C ₁₅ H ₃₀ N ₂ O ₄ •HCl
Molecular Weight	338.9
Appearance	White product
Solubility	50 mg/ml in methanol (clear colorless solution)
CHN-Analysis Theory	Cal as 1 HCl C=53.17% H=9.22% N=8.27%
Found	C=53.11% H=8.98% N=8.22%
Identity (TLC)	Chloroform/methanol/benzene/H ₂ O 8/8/8/1 (v/v/v/v)
Plate: silicagel 60 F ₂₅₄	Chloroform/methanol 9/1 (v/v)
Detected by: UV, ninhydrin, chlorine-tolidine	Chloroform/methanol/acetic acid 77.5/15/7.5 (v/v/v)
Purity	> 99%
Cl	10.4%
Storage	Store at -0°C