



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-1848
Product Name	H-Ile-OMe•HCl L-Isoleucine methyl ester hydrochloride
Lot Number	850065/823726
CAS Registry Number	18598-74-8
Molecular Formula	$C_7H_{15}NO_2 \cdot HCl$
Molecular Weight	181.66
Assay (AT)	99.5%
Specific Rotation	$\alpha_D^{20} = +27.9^\circ$ (c=2;H ₂ O)
Residue on ignition (SO ₄)	0.02%
Chromatographic Purity (TLC)	
CHCl ₃ :MeOH:32%AcOH = 5:3:1 V/V	> 99%
EtOAc:nBuOH:AcOH:H ₂ O = 2:1:1 V/V	> 99%
D-enantiomer	< 0.1%
Storage	Store at 0-5°C