

Analytical Data Sheet

Lot number **1059893**
not for drug use

Catalog number **G-2410.0005**
Product number **4010222.0005**
Product **H- Ile- Leu- OH**
Molecular formula $C_{12}H_{24}N_2O_3$
Relative molecular mass 244.33

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetic acid 80%)
Identification (ESI-MS)	m = 244.3u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	92.3% (Nth 11.47%, Nfd 10.59%)
Water content (KF volumetric)	1.1%

Latest update: June 10, 2015

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