

Analytical Data Sheet

Lot number **1000015394**
not for drug use

Catalog number **G-2395.0005**
Product number **4005399.0005**
Product **H- Ile- Gly- OH**
Molecular formula $C_8H_{16}N_2O_3$
Relative molecular mass 188.23

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol 50%)
Identification (TLC)	Rf value in agreement with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% H-Ile-OH
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	98.6% (Nth 14.88%, Nfd 14.67%)
Water content (KF volumetric)	0.4%

Latest update: April 29, 2019

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