

## Analytical Data Sheet

Lot number **1000000992**  
not for drug use

Catalog number **G-2395.0001**  
Product number **4005399.0001**  
Product **H- Ile- Gly- OH**  
Molecular formula **C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>**  
Relative molecular mass **188.23**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in 50 % methanol)
Identification (ESI-MS)	m = 188.2u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.4% (Nth 14.88 %, Nfd 14.64 %)
Assay (titration)	99.9% (TBAH)

Latest update: May 31, 2018

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