

Analytical Data Sheet

Lot number **1076424**
not for drug use

Catalog number **N-1255.0025**
Product number **4016342.0025**
Product **Z- Leu- Tyr- chloromethylketone**
Molecular formula $C_{24}H_{29}ClN_2O_5$
Relative molecular mass 460.96

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 62.5% C = 62.1% H = 6.3% H = 5.9% N = 6.1% N = 6.0%
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.4% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/ethylacetate 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.2% (Cth 62.54%, Cfd 62.07%)

Latest update: May 14, 2018

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