

Analytical Data Sheet

Lot number **1000040110**
not for drug use

Product Mca-Pro-Leu-OH

Product number **4018898.0050**

Molecular formula C₂₃H₂₆N₂O₇

Relative molecular mass 444.48

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m= 444.5u
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.7% (TFA)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/ H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	97.6% (Nth 6.30%, Nfd 6.15%)
Water content (KF volumetric)	2.5%
General Comment	product is sensitive to air and light. It is recommended to store the product under an inert atmosphere.

Latest update: October 09, 2020

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