

Analytical Data Sheet

Lot number **1000013858**
not for drug use

Catalog number **N-1715.0005**
Product number **4028692.0005**
Product **Z- Leu- Leu- Tyr- α - keto aldehyde**
Molecular formula **C₃₀H₃₉N₃O₇**
Relative molecular mass **553.66**

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, slightly yellowish solution (50 mg/ml in acetone)
Identification (ESI-MS)	m = 553.7u (average mass)
Purity (TLC)	decomposes on TLC plate
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/H ₂ O 90/10/0.5/1 plate: silicagel 60 F ₂₅₄ detected by: UV, TMB
Assay (elemental analysis)	93.3% (Nth 7.59 %, Nfd 7.08 %)
Water content (KF coulometric)	6.0%
General comment	the product is instable in solution

Latest update: March 21, 2019

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