

Analytical Data Sheet

Lot number

1039356

not for drug use

Catalog Number	C-3900.0025
Product number	4026408.0025
Product	Z- Ile- Glu(OtBu) - Ala- Leu- aldehyde
Molecular formula	C ₃₂ H ₅₀ N ₄ O ₈
Relative molecular mass	618.77

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 95%
TLC conditions	chloroform/methanol 9/1 CHCl ₃ /methanol 47/3 CHCl ₃ /methanol 95/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.8% (Cth 62.12 %, Cfd 61.35 %)
Water content (KF volumetric)	1.0%
Latest update: October 26, 2011	

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