

Analytical Data Sheet

Lot number **1000005161**
not for drug use

Catalog number **G-4295.0050**
Product number **4025019.0050**
Product **N- 2- Hydroxyethyl- Val- Leu- anilide**
Molecular formula $C_{19}H_{31}N_3O_3$
Relative molecular mass 349.47

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m = 349.5u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.7% (TFA) 98.2% (TEAP)
Purity (TLC)	> 97%
TLC conditions	chloroform/methanol 9/1 chloroform/methanol/acetic acid 90/8/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	71.8% (Nth 12.02%, Nfd 8.63%)
Water content (KF volumetric)	1.6%

Latest update: August 27, 2018

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