

# Analytical Data Sheet

Lot number

**1027145**

not for drug use

<b>Catalog Number</b>	H-2548.0001
<b>Product number</b>	4026053.0001
<b>Product</b>	Ac- N- Me- Tyr- Val- Ala- Asp- aldehyde (pseudo acid)
<b>Molecular formula</b>	C <sub>24</sub> H <sub>34</sub> N <sub>4</sub> O <sub>8</sub>
<b>Relative molecular mass</b>	506.55

Tests	Results
<b>Appearance</b>	white lyophilisate
<b>Appearance of solution</b>	clear, colorless solution (1 mg/mL in water)
<b>Identification (ESI-MS)</b>	m = 506.6u (average mass)
<b>Purity (HPLC)</b>	98.9% (TFA)
<b>Purity (TLC)</b>	> 95%
<b>TLC conditions</b>	chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, TMB
<b>Assay (elemental analysis)</b>	94.3% (Nth 11.06%, Nfd 10.43%)
<b>General comment</b>	hygroscopic product
Latest update: November 25, 2009	

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