

# Analytical Data Sheet

Lot number

**1036996**

not for drug use

<b>Catalog Number</b>	I-1270.0250
<b>Product number</b>	4005227.0250
<b>Product</b>	MeOSuc- Ala- Ala- Pro- Val- AMC
<b>Molecular formula</b>	C <sub>31</sub> H <sub>41</sub> N <sub>5</sub> O <sub>9</sub>
<b>Relative molecular mass</b>	627.70

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50mg/mL in acetic acid 80%)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (HPLC)</b>	98.2% (TEAP)
<b>Purity (TLC)</b>	≥ 98%
<b>Related impurities (TLC)</b>	< 0.1% AMC
<b>TLC conditions</b>	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	94.4% (Nth 11.16%, Nfd10.530%)
<b>Water content (KF volumetric)</b>	0.3%
Latest update: May 25, 2011	

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