

## Analytical Data Sheet

Lot number **1000002363**  
not for drug use

Catalog number **I-1390.0010**  
Product number **4008009.0010**  
Product **H- D- Val- Leu- Lys- AMC acetate salt**  
Molecular formula **C<sub>27</sub>H<sub>41</sub>N<sub>5</sub>O<sub>5</sub>**  
Relative molecular mass **515.65**

Tests	Results
Appearance	yellowish powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (ESI-MS)	m = 515.6u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 6/5/1/3 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	78.8% (Nth 13.58 %, Nfd 10.70 %)
Water content (KF volumetric)	4.1%
Acetic acid content (HPLC)	17.0%

Latest update: July 05, 2018

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