

## Analytical Data Sheet

Lot number **1000009489**  
not for drug use

Catalog number **I-1840.0050**  
Product number **4029129.0050**  
Product **Z- Val- Ala- Asn- AMC**  
Molecular formula  $C_{30}H_{35}N_5O_8$   
Relative molecular mass 593.64

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/ml dimethylformamide)
Identification (ESI-MS)	m = 593.6u
Purity (TLC)	> 98%
Related impurities (TLC)	< 0.1% 7-amino-4-methylcoumarin
TLC conditions	chloroform/methanol 9/1 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, TMB
Assay (elemental analysis)	98.3% (Nth 11.80 %, Nfd 11.60 %)
Water content (KF volumetric)	1.5%
General comment	product is not easily dissoluble

Latest update: November 29, 2018

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