

**Analytical Data Sheet**

**Lot number** **1000048265**  
not for drug use

**Product** Suc-Ala-Ala-Pro-Phe-AMC

**Product number** **4012873.0050**

**Molecular formula** C<sub>34</sub>H<sub>39</sub>N<sub>5</sub>O<sub>9</sub>

**Relative molecular mass** 661.71

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m= 661.7u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.5% (TFA) 99.5% (NaClO <sub>4</sub> )
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 plate: silicagel 60 F <sub>254</sub> detected by: UV 366 nm, ninhydrin, chlorine-tolidine
Assay (titration)	98.3%

Latest update: April 15, 2021

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