

Analytical Data Sheet

Lot number **1000022836**
not for drug use

Catalog number **I-1085.0050**
Product number **4003312.0050**
Product **Bz- Val- Gly- Arg- AMC trifluoroacetate salt**
Molecular formula $C_{30}H_{37}N_7O_6$
Relative molecular mass 591.67

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% AMC
TLC conditions	chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 chloroform/methanol 9/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	78.0% (Nth 16.57 %, Nfd 12.92 %)

Latest update: October 03, 2019

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