

Analytical Data Sheet

Lot number **1000016577**
not for drug use

Catalog number **G-4600.0005**
Product number **4028360.0005**
Product **Dansyl- Ala- Arg- OH trifluoroacetate salt**
Molecular formula **C₂₁H₃₀N₆O₅S**
Relative molecular mass **478.57**

Tests	Results
Appearance	yellow lyophilisate
Appearance of solution	clear, slightly yellow solution (25 mg/mL in 1% acetonitrile in water)
Identification (ESI-MS)	m = 478.6u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.0% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	66.5% (Nth 17.56%, Nfd 11.68%)

Latest update: May 23, 2019

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