

## Analytical Data Sheet

Lot number **1000009754**  
not for drug use

Catalog number **B-3600.0001**  
Product number **4003522.0001**  
Product **Fmoc- Arg(Z)<sub>2</sub>- OH**  
Molecular formula **C<sub>37</sub>H<sub>36</sub>N<sub>4</sub>O<sub>8</sub>**  
Relative molecular mass **664.72**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)
Identification (elemental analysis)	Theory Found C = 66.86 % C = 66.65 % H = 5.46 % H = 5.40 % N = 8.43 % N = 8.37 %
Identification (TLC)	conforms with authentic material
Purity (HPLC)	99.2%
Purity (TLC)	≥ 99%
TLC conditions	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	100.8% (TBAH)
General comment	contains 0.3 % Ethylacetate

Latest update: December 11, 2018

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