

## Analytical Data Sheet

Lot number **1052630**  
not for drug use

Catalog number **B-3750.0005**  
Product number **4044633.0005**  
Product **Fmoc- Glu(OMe) - OH**  
Molecular formula  $C_{21}H_{21}NO_6$   
Relative molecular mass 383.40

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)								
Identification (ESI-MS)	m = 383.2u								
Identification (elemental analysis)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 65.8 %</td> <td>C = 65.4 %</td> </tr> <tr> <td>H = 5.5 %</td> <td>H = 5.6 %</td> </tr> <tr> <td>N = 3.7 %</td> <td>N = 3.6 %</td> </tr> </tbody> </table>	Theory	Found	C = 65.8 %	C = 65.4 %	H = 5.5 %	H = 5.6 %	N = 3.7 %	N = 3.6 %
Theory	Found								
C = 65.8 %	C = 65.4 %								
H = 5.5 %	H = 5.6 %								
N = 3.7 %	N = 3.6 %								
Identification (TLC)	conforms with authentic material								
Purity (HPLC)	99.4% (TFA)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	99.4% (Cth 65.79 %, Cfd 65.41 %)								