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Certificate of Analysis

Catalogue Number	03704
Lot Number	0545567
Product	Fmoc-L-glutamic acid α-9-fluorenylmethyl ester Fmoc-L-Glu-OFm
CAS Number	200616-18-8
Molecular Formula	C ₃₄ H ₂₉ NO ₆
Molecular Weight	547.61

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/ml in dioxane)
Melting Point	173-176 °C
Water Content (Karl Fisher)	0.4%
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Chloroform/Ethyl Acetate/Acetic acid (50:50:2) Benzene/Dioxane/Acetic acid (95:25:4) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Residual Solvents	1.3% Tetrahydrofuran 0.7% Diethylether
Assay	97.3%
Purity by HPLC	> 98%
Purity by TLC	> 98%
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager