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Certificate of Analysis

Catalog Number	06311
Product Name	Fmoc-Dab(Adpoc)-OH Fmoc-N ^γ -(1-{1'-adamantyl}-1-methyl-ethoxycarbonyl)-L-2,4-diaminobutyric acid
Lot Number	519542
CAS Registry Number	214750-73-9
Molecular Formula	C ₃₃ H ₄₀ N ₂ O ₆
Molecular Weight	560.5
Appearance	White powder.
Solubility	Clear, colorless solution (50 mg/mL in dioxane)
Identification (TLC)	Complies with authentic material
Assay (TLC)	Purity by TLC > 99 %
Chloroform/methanol/acetic acid 90/802	Detected by: UV, Ninhydrin, Chlorine-Tolidine
Benzene/dioxane/acetic acid 95/25/4	
Chloroform/methanol/benzene/H₂O 8/8/8/1	
Plate: Silicagel 60 F₂₅₄	
Assay (elemental analysis)	94.6 % (Nth 5.00%, Nfd 4.73%)
Water content (KF volumetric)	0.4 %
Purity (HPLC)	99.0% (TFA 260 nm)
Residual organic solvents (GC)	5.8 % ethylacetate
Storage	Store at 0-8 °C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

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



Sashi Kumar
Quality Control Manager