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Certificate of Analysis

Catalog Number	03203
Product Name	Fmoc-Lysinol(Boc)
Lot Number	3230-120998-V
Molecular Formula	C ₂₆ H ₃₄ N ₂ O ₅
Molecular Weight	454.6
Melting Point	137 – 140 °C (Dec.) Crystals from Acetone-Ether)
Optical Rotation	$\alpha_D^{20} = -7.0^\circ$ (c=1, MeOH)
Chromatography	CH ₂ Cl ₂ : Acetone 19:3 R _f = 0.25 CH ₂ Cl ₂ :MeOH 19:1 R _f = 0.50
HPLC	Purity 98 % vYDAC c ₁₈ COLUMN, Gradient elution 50-70%B in 25 min. t _R 13.5 min, $\lambda = 214$ nm, flow rate 1mL/min injection 1 μ L of 0.5% solution in methanol A=Water:TFA (100:0.5) B=Acetonitrile:Water:TFA (90:10:0.38)
Storage	Store at -0°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

