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Certificate of Analysis

Catalog Number	04135
Product Name	H-D-Phe(2-F)-OH 2-Fluoro-D-phenylalanine
Lot Number	PA83-5
Molecular Formula	C ₉ H ₁₀ FNO ₂
Molecular Weight	183.180
Appearance	Off White Powder
¹H NMR	Conforms to structure
HPLC	99.85% Area
Chiral HPLC	>98% ee
Melting Range	182-198°C
Notes	
1. NMR Solvent used:	D ₂ O
2. HPLC conditions:	
Column :	Hypersil BDS C18 250mm x 4.6mm 5µm
Mobile Phase:	Gradient 14.7mM NaH ₂ PO ₄ pH 2.9/acetonitrile
Detector:	254nm
Sample solvent:	30% MeOH in buffer (0.5% TEA(aq) pH 5.1)
3. Chiral HPLC conditions:	
Column :	Chirobiotic T column 250mm x 4.6mm 5µm
Mobile Phase:	30% MeOH in buffer (0.5% TEA(aq) pH 5.1)
Detector:	UV 220nm
Sample solvent:	30% MeOH in buffer (0.5% TEA(aq) pH 5.1)
Storage	Store at 0-5°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

A handwritten signature in black ink, appearing to read 'Sashi Kumar', written in a cursive style with a long horizontal stroke extending to the left.

Sashi Kumar
Quality Control Manager