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Certificate of Analysis

Catalogue Number	05688
Lot Number	000127-1057853
Product	Fmoc-D-aspartic acid β-2-phenylisopropyl ester Fmoc-D-Asp(2-phenylisopropoxy)-OH
CAS Number	214852-39-8
Molecular Formula	C ₂₈ H ₂₇ NO ₆
Molecular Weight	473.53

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in Dioxane)
Water Content (Karl Fisher)	0.1%
Acid value	Acetic acid content : 0.004%
TLC System	Chloroform/Methanol/Toluene/Water (8:8:8:1) Chloroform/Methanol/Acetic Acid (90:8:2) Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay by titration	99.6% (TBAH)
Chiral HPLC	99.9% (ee)
L-Enantiomer	0.1%
Purity by HPLC	99.8% (TFA)
Purity by TLC	> 99%
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