

Product Name: N-Fmoc-L-serine, 97+%, Thermo Scientific Chemicals
Catalog Number: B21079.06

CAS Number: 73724-45-5

Product Specification

Appearance (Color): White
Form: Powder
Enantiomeric excess: $\geq 99.0\%$ (U.S. Specification)
Proton NMR: Conforms to structure (U.S. Specification)
Optical Rotation: -10° to -11.5° ($c=1$ in DMF) (U.S. Specification)
Assay (HPLC): $\geq 97.0\%$ (Non-U.S. Specification)
Identification (FTIR): Conforms (U.S. Specification)
Assay from Supplier's CofA: $\geq 97.0\%$ (HPLC, U.S. Specification)
Comment: Purchased in the U.S. and in other countries
Water Content (Karl Fischer Titration): $\leq 6.0\%$
Optical Rotation: $+13 \pm 2^{\circ}$ ($c=1$ in ethyl acetate) (Non-U.S. Specification)
Comment: Melting point may be hazy or incomplete (forms polymer)
Assay (Aqueous acid-base Titration): ≥ 97.0 to $\leq 103.0\%$ (Non-U.S. Specification)

Date Of Print: 01/29/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.