

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

|                           |                                       |
|---------------------------|---------------------------------------|
| Catalogue Number          | 36033                                 |
| Lot Number                | 344798                                |
| Description               | N-alpha-FMOC-N-Trityl-L-histidine,98% |
| CAS Number                | 109425-51-6                           |
| Quality Test/Release Date | 18/Oct/2024                           |
| Suggested retest date     | 18/Oct/2029                           |
| Country of Origin         | CHINA                                 |
| Declaration of Origin     | synthetic                             |

| Result Name               | Units | Specifications   | Test Value  |
|---------------------------|-------|--|---|
| Appearance (Color)        |       | White to off-white   | White   |
| Appearance (Form)         |       | Powder   | Powder  |
| Infrared spectrum         |       | Conforms   | Conforms  |
| HPLC                      | %     | >=97.5   | 99.0  |
| Specific optical rotation | nm    | +80.0° to +89.0° (20°C, 589 (c=1, chloroform) <0.2% D-enantiomer | +85.0° (20°C, 589) (c=1, chloroform) <0.2% D-enantiomer |
| Water                     | %     | =<1.0  | =<0.1   |
| Appearance of solution    |       | (0.5mmol/ml DMF) clear, colourless                               | (0.5mmol/ml DMF) clear, colourless                      |
| Residual solvents         | %     | =<5 (2-Propanol, THF)  | =<5 (2-Propanol, THF)                                   |
| NMR (1H-NMR)              |       |  | Consistent with structure                               |

Geert Torfs  
Supervisor, QC

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