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CIN U46909GJ2025PTC164345

**CERTIFICATE OF ANALYSIS** Standard product specification

# Fmoc-D-Asp(Otbu)-Oh

CAS 112883-39-3 · Fine chemical grade — assay on specification

## 1. PRODUCT IDENTITY

| | |
|---|---|
| Product name | Fmoc-D-Asp(Otbu)-Oh |
| C.A.S. number | 112883-39-3 |
| Grade / standard | Fine chemical grade — assay on specification |
| Description | White powder |
| Product group | Peptide Synthesis Reagents |
| Category | Pharmaceutical Intermediates |
| Country of origin | India |
| Packing | Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available |
| Storage | Cool, dry, well-ventilated place in tightly closed original packing |

## 2. ANALYTICAL SPECIFICATION

| S. NO. | TEST PARAMETER | SPECIFICATION | TYPICAL RESULT | METHOD |
|---|---|---|---|---|
| 1 | Description | White powder | Complies | Visual |
| 2 | Identification | Conforms to the structure of the substance | Complies | FTIR / Chemical test |
| 3 | Solubility | As per specification | Complies | Visual / Monograph |
| 4 | Clarity & Colour of Solution | Clear; not more intensely coloured than reference | Complies | Visual (Monograph) |
| 5 | pH (1 % w/v aqueous solution) | As per monograph | 6.6 | Potentiometry |
| 6 | Water Content (Karl Fischer) | Not more than 0.5 % w/w | 0.22 | Karl Fischer titration |

| | | | | |
|---|---|---|---|---|
| 7 | Melting Range / Point | As per monograph | Complies | Capillary method |
| 8 | Particle Size (d90) | As per specification | 156 µm | Laser diffraction |

## 3. DECLARATION

This document sets out the standard specification for Fmoc-D-Asp(Otbu)-Oh and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.