

## Analytical Data Sheet

Lot number **1055767**  
not for drug use

Catalog number **B-2715.0005**  
Product number **4019715.0005**  
Product **Fmoc- Asp- allyl ester**  
Molecular formula  $C_{22}H_{21}NO_6$   
Relative molecular mass 395.41

| Tests                                      | Results  |
|--|--|
| Appearance                                 | white powder   |
| Appearance of solution                     | clear, colorless solution (50 mg/mL in dioxane)  |
| Identification (TLC)                       | complies with authentic material   |
| Purity (HPLC)                              | 99.3% (TFA)  |
| Purity (TLC)                               | > 99%  |
| TLC conditions                             | chloroform/methanol/acetic acid 32% 5/3/1<br>chloroform/ethylacetate/acetic acid 50/50/2<br>toluene/dioxane/acetic acid 95/25/4<br>plate: silicagel 60 F <sub>254</sub><br>detected by: UV, ninhydrin, TMB |
| Enantiomer content (chiral chromatography) | 0.1% D-enantiomer  |
| Assay (titration)                          | 98.0% (TBAH)   |
| Water content (KF volumetric)              | 0.2%   |
| Acetic acid content (IC)                   | 0.003%   |