

Analytical Data Sheet

Lot number **1067936**
not for drug use

Catalog number **B-2715.0001**
Product number **4019715.0001**
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 chloroform/ethylacetate/acetic acid 50/50/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ 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%

Latest update: September 22, 2016

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