

## Analytical Data Sheet

Lot number

**1073029**

not for drug use

Catalog number	B-3650.0001
Product number	4035481.0001
Product	Fmoc- Asp(OtBu) - (Hmb) Gly- OH
Molecular formula	C <sub>33</sub> H <sub>36</sub> N <sub>2</sub> O <sub>9</sub>
Relative molecular mass	604.67

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetonitrile)
Appearance of solution (Turbidimetry)	essentially clear solution (0.5 mmol/mL in DMF)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.6% (TFA)
Related impurities (HPLC)	not det. Fmoc-β-Ala-OH not det. Fmoc-Asp(OtBu)-OH
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Enantiomer content (chiral chromatography)	0.2% D-enantiomer
Assay (titration)	95.2% (TBAH)
Water content (KF volumetric)	0.8%
Acetic acid content (IC)	0.005%

Latest update: August 21, 2017

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