

Analytical Data Sheet

Lot number **1072552**
not for drug use

Catalog number **B-1875.0001**
Product number **4014126.0001**
Product **H- Lys(Fmoc) - OH**
Molecular formula $C_{21}H_{24}N_2O_4$
Relative molecular mass 368.44

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/mL in 80% formic acid)
Identification (TLC)	complies with authentic material
Melting point	207 °C
Purity (HPLC)	99.3% (TFA)
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin
Assay (elemental analysis)	95.0% (Nth 7.60%, Nfd 7.22%)
Water content (KF volumetric)	4.3%

Latest update: July 13, 2017

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