

Reanal Private Ltd.

PO Box 54, Budapest, Hungary, H-1441 www.reanal.com
Tel: +36 (1) 467 7519 Fax: +36 (1) 252-1483 E-mail: QC@reanal.huProduct: **N- α -Fmoc-D-alanine monohydrate**Quality: **for synthesis**Product number: **22010**ID Number: **3386**CAS-No: **79990-15-1**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (T, anhydrous substance)	98.0-102.0%
Solubility (0.5 mmol/ml DMF)	clear
Melting range	146.0-160.0 °C
$[\alpha]_D^{20}$ (c=1; DMF, anhydrous substance)	+18.6° ~ +21.2°
Residue on ignition (SO ₄)	max. 0,2%
Water (KF)	5.0-7.0%
Chromatographic purity (TLC) (1)CHCl ₃ :MeOH:AcOH=90:8:2 (V/V)	min. 99%
Chromatographic purity (HPLC)	min. 98.0%
L-enantiomer	max. 0.5%
Potential residual solvents	to be reported

Date (d/m/y): 09/08/2010

ÜRGE Károly
QC manager