

Reanal Finechemical Co.

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www.reanal.hu
E-mail: QC@reanal.huProduct: **N- α -Cbz-L-phenylalanine**Quality: **for synthesis**Product number: **22140**ID Number: **1903**CAS-No: **1161-13-3**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (T)	99.0-101.0%
Melting range	84.0-89.0 °C
$[\alpha]_D^{20}$ (c=5; AcOH)	+4.5° ~ +5.5°
Residue on ignition (SO ₄)	max. 0.2%
Water (KF)	max. 0.2%
Chromatographic purity (TLC) (1)CHCl ₃ :MeOH:AcOH=90:8:2 (V/V)	min. 99%
Chromatographic purity (HPLC)	min. 98.5%
D-enantiomer	max. 0.5%
Potential residual solvents	to be reported

Date (d/m/y): 26/05/2009

ÜRGE Károly
QC manager