

Reanal Finechemical Co.

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www.reanal.hu
E-mail: QC@reanal.huProduct: **N- α -Cbz-D-alanine**Quality: **for synthesis**Product number: **22000**ID Number: **3258**CAS-No: **26607-51-2**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (T)	98.0-102.0%
Melting range	80.0-95.0 °C
$[\alpha]_D^{20}$ (c=2; AcOH)	+13.5° ~ +15.5°
Residue on ignition (SO ₄)	max. 0.2%
Water (KF)	max. 1.0%
Chromatographic purity (TLC) (1)CHCl ₃ :MeOH:AcOH=90:8:2 (V/V)	min. 98%
Chromatographic purity (HPLC)	min. 97.0%
L-enantiomer	max. 0.5%
Ethyl acetate (GC)	max. 0.5%
n-Hexane (GC)	to be reported
Total residual solvent (GC)	max. 2.0%

Date (d/m/y): 31/08/2009

ÜRGE Károly
QC manager