

Reanal Finechemical Co.

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www.reanal.hu
E-mail: QC@reanal.huProduct: **N- α -Cbz-D-arginine**Quality: **for synthesis**Product number: **44920**ID Number: **1879**CAS-No: **6382-93-0**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (NT)	98.0-102.0%
Melting range	165.0-179.0 °C
$[\alpha]_D^{20}$ (c=5; 1 M HCl)	+8.4° ~ +10.4°
Residue on ignition (SO ₄)	max. 0.2%
Water (KF)	max. 1.0%
Chromatographic purity (TLC) (1)EtOAc:nBuOH:AcOH:H ₂ O=2:1:1:1 (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): 30/04/2009

ÜRGE Károly
QC manager