

Reanal Private Ltd.

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Tel: +36 (1) 467 7519 Fax: +36 (1) 252-1483 E-mail: QC@reanal.huProduct: **N- $\alpha$ -Cbz-L-Arginine hydrochloride**Quality: **for synthesis**Product number: **22075**ID Number: **3368**CAS-No: **56672-63-0**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (NT)	98.0-102.0%
$[\alpha]_D^{20}$ (c=2; 1 M HCl)	-9.0° ~ -10.0°
Residue on ignition (SO <sub>4</sub> )	max. 0.2%
Water (KF)	max. 1.0%
Chromatographic purity (TLC) (1)EtOAc:nBuOH:AcOH:H <sub>2</sub> O=2:1:1:1 (V/V)	min. 99%
Chromatographic purity (HPLC)	min. 98.0%
D-enantiomer	max. 0.5%
Potential residual solvents	to be reported

Date (d/m/y): 16/07/2010

ÜRGE Károly  
QC manager