

Reanal Finechemical Co.

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E-mail: QC@reanal.huProduct: **N- $\alpha$ -Cbz-N- $\epsilon$ -Boc-L-lysine**Quality: **for synthesis**Product number: **22440**ID Number: **1937**CAS-No: **2389-60-8**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (T)	98.0-102.0%
Melting range	54.0-68.0 °C
$[\alpha]_D^{20}$ (c=4; MeOH)	-4.7° ~ -5.7°
Residue on ignition (SO <sub>4</sub> )	max. 0.2%
Water (KF)	max. 0.5%
Chromatographic purity (TLC) (1)CHCl <sub>3</sub> :MeOH:AcOH=90:8:2 (V/V)	min. 99%
Chromatographic purity (HPLC)	min. 98.5%
Z-Lys-OH (HPLC)	max. 0.25%
D-enantiomer	max. 0.5%
Potential residual solvents	to be reported

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

ÜRGE Károly  
QC manager