

Reanal Finechemical Co.

PO Box 54, Budapest, Hungary, H-1441  
Tel: +36 (1) 467 7500 Fax: +36 (1) 252-1483  
www.reanal.hu  
E-mail: QC@reanal.huProduct: **N- $\alpha$ -t-Boc-L-asparagine**Quality: **for synthesis**Product number: **22860**ID Number: **2044**CAS-No: **7536-55-2**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (T)	98.0-102.0%
Melting range	165.0-175.0 °C
$[\alpha]_D^{20}$ (c=2; DMF)	-6.0° ~ -8.0°
Residue on ignition (SO <sub>4</sub> )	max. 0.2%
Water (KF)	max. 0.5%
Chromatographic purity (TLC) (1)EtOAc:nBuOH:AcOH:H <sub>2</sub> O=2:1:1:1 (V/V)	min. 99%
H-Asn-OH (TLC)	max. 0.5%
Chromatographic purity (HPLC)	min. 98.0%
D-enantiomer	max. 0.3%
Potential residual solvents	to be reported

Date (d/m/y): 28/04/2009

ÜRGE Károly  
QC manager