

Reanal Private Ltd.

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Tel: +36 (1) 467 7519 Fax: +36 (1) 252-1483 E-mail: QC@reanal.huProduct: **N- $\alpha$ -t-Boc-L-aspartic acid  $\beta$ -benzyl ester**Quality: **for synthesis**Product number: **22890**ID Number: **2048**CAS-No: **7536-58-5**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (T)	98.0-102.0%
Solubility (0,4 mmol/ml THF)	clear, max. 100 Hazen
Melting range	98.0-105.0 °C
$[\alpha]_D^{20}$ (c=2; DMF)	-18.5° ~ -21.5°
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%
H-Asp(OBzl)-OH (TLC)	max. 0.25%
Chromatographic purity (HPLC)	min. 98.5%
D-enantiomer	max. 0.3%
Potential residual solvents	to be reported

Date (d/m/y): 11/02/2010

ÜRGE Károly  
QC manager