

Reanal Finechemical Co.

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www.reanal.hu
E-mail: QC@reanal.huProduct: **L-Alanine benzyl ester hydrochloride**Quality: **for synthesis**Product number: **18440**ID Number: **1501**CAS-No: **5557-83-5**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (AT)	98.0-102.0%
Melting range	135.0-145.0 °C
$[\alpha]_D^{20}$ (c=2; 0.1 M HCl)	-9.0° ~ -11.0°
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%
D-enantiomer	max. 0.5%
Potential residual solvents	to be reported

Date (d/m/y): 27/05/2009

ÜRGE Károly
QC manager