

Reanal Private Ltd.

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Tel: +36 (1) 467 7519 Fax: +36 (1) 252-1483 E-mail: QC@reanal.huProduct: **L-Alanine methyl ester hydrochloride**Quality: **for synthesis**Product number: **18450**ID Number: **3182**CAS-No: **2491-20-5**

TEST	REQUIREMENT
Appearance	white to off-white powder
Identity (IR)	passes test
Assay (AT)	98.0-102.0%
Melting range	105.0-111.0 °C
$[\alpha]_D^{20}$ (c=2; MeOH)	+7.0° ~ +8.0°
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%
D-enantiomer	max. 0.5%
Potential residual solvents	to be reported

Date (d/m/y): 21/09/2009

ÜRGE Károly
QC manager