

Reanal Private Ltd.

PO Box 54, Budapest, Hungary, H-1441 www.reanal.com
Tel: +36 (1) 467 7519 Fax: +36 (1) 252-1483 E-mail: QC@reanal.hu

Product: **L-Alanine**
Quality: **puriss., Ph.Eur.6**
Product number: **18430**
CAS-No: **56-41-7**

ID Number: **1499**

TEST	REQUIREMENT
Appearance	white to off-white, crystalline powder
Identity	passes test
Assay (NT, dried substance)	98.5-101.0%
Solubility (2.5 g/100ml water)	clear, max. BY ₆
$[\alpha]_D^{20}$ (c=10; 25 m/V% HCl, dried substance)	+13.5° ~ +15.5°
Residue on ignition (SO ₄)	max. 0.1%
Loss on drying (105 °C)	max. 0.5%
Ammonium (NH ₄)	max. 0.02%
Chloride (Cl)	max. 0.02%
Sulfate (SO ₄)	max. 0.03%
Iron (Fe)	max. 0.001%
Heavy metals (Pb)	max. 0.001%
Ninhydrin-positive substances (TLC)	max. 0.5%
D-enantiomer	max. 0.5%
Other amino acids	max. 0.2% (n/n)

Date (d/m/y): 29/10/2009



ÜRGE Károly
QC manager