

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.huProduct: **L-Aspartic acid**Quality: **puriss., Ph.Eur.6**Product number: **18500**ID Number: **1506**CAS-No: **56-84-8**

TEST	REQUIREMENT
Appearance	white to off-white, crystalline powder
Identity	passes test
Assay (T, dried substance)	98.5-101.5%
Solubility (0.5 g/10 ml 1 M HCl)	clear, max. BY ₆
$[\alpha]_D^{20}$ (c=8; 25 m/V% HCl, dried substance)	+24.0° ~ +26.0°
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