

Reanal Private Ltd.

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Product: **L-Leucine**
Quality: **puriss., Ph.Eur.6**
Product number: **18830**
CAS-No: **61-90-5**

ID Number: **1539**

TEST	REQUIREMENT
Appearance	white to off-white, crystalline powder or flakes
Identity	passes test
Assay (NT, dried substance)	98.5-101.0%
Solubility (0.5 g/10 ml 1 M HCl)	clear, max. BY ₆
$[\alpha]_D^{20}$ (c=4; 25 m/V% HCl, dried substance)	+14.5° ~ +16.5°
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