

Specification

L-Leucine (Ph. Eur., USP) pure, pharma grade

A1426

Solubility:	24.5 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1426
Product Name:	L-Leucine (Ph. Eur., USP) pure, pharma grade
Headline Comment:	• All amino acids from AppliChem are of non-animal origin!
Specifications:	<p>Assay (titr., calc. on dried subst.): 98.5 - 101.0 % α25°C/D; 4 %, 6 N HCl: +14.9° - +17.3° Appearance of solution: passes test Identity: passes test pH (1 %; H₂O; 25°C): 5.5 - 7.0 Heavy metals (as Pb): max. 0.0015 % Sulfated ash: max. 0.1 % Loss on drying (3 h; 105°C): max. 0.2 % α20°C/D; 4 %, HCl 250 g/L, calc. on dried subst.: +14.5° - +16.5° Ammonium: max. 0.02 % Chloride: max. 0.02 % Sulfate: max. 0.03 % Fe: max. 0.001 % Ninhydrin positive substances (HPLC) Isoleucine: max. 0.8 % Any other ninhydrin-pos. Subst.: max. 0.2 % Total impurities: max. 1.0 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₆ H ₁₃ NO ₂
M:	131.18 g/mol

AppliChem GmbH

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CAS:	61-90-5
EINECS:	200-522-0
CS:	29224985
	

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