

Specification

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

A1344

Solubility:	27 g/L
Physical Description:	Solid
Product Code:	A1344
Product Name:	L-Phenylalanine (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 %</p> <p>α25°C/D; 2 %, H₂O: -32.7° - -34.7°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>pH (1 %; H₂O; 25°C): 5.4 - 6.0</p> <p>Heavy metals (as Pb): max. 0.0015 %</p> <p>Loss on drying (3 h; 105°C): max. 0.3 %</p> <p>Sulfated ash: max. 0.1 %</p> <p>α20°C/D; 2 %, H₂O, calc. on dried subst.: -33.0° - -35.5°</p> <p>Ammonium: max. 0.02 %</p> <p>Chloride: max. 0.02 %</p> <p>Sulfate: max. 0.03 %</p> <p>Fe: max. 0.001 %</p> <p>Ninhydrin positive substances (HPLC)</p> <p>Total impurities: max. 0.5 %</p> <p>each individual impurity: max. 0.2 %</p> <p>Ninhydrin positive substances (TLC)</p> <p>Each individual impurity: max. 0.5 %</p> <p>Total impurities: max. 2 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₉ H ₁₁ NO ₂


AppliChem GmbH

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Specification

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

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M:	165.19 g/mol
CAS:	63-91-2
EINECS:	200-568-1
CS:	29224985
	

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