

Specification

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

A1701

Solubility:	5 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1701
Product Name:	L-Aspartic Acid (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 - 101.5 %</p> <p>α20°C/D; 8 %, 6 M HCl: +24.0° - +26.0°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying (3 h; 105°C): max. 0.5 %</p> <p>α20°C/D; 8 %, 250 g/L HCl, calc. on dried subst.: +24.0° - +26.0°</p> <p>Ninhydrin-positive substances: max. 0.5 %</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>
WGK:	1
Storage:	RT
Molecular Formula:	C ₄ H ₇ NO ₄
M:	133.10 g/mol
CAS:	56-84-8
EINECS:	200-291-6
CS:	29224985

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