

Specification

L-Asparagine 1-hydrate (Ph. Eur.) pure, pharma grade

A1668

Solubility:	30 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1668
Product Name:	L-Asparagine 1-hydrate (Ph. Eur.) pure, pharma grade
Headline Comment:	• All amino acids from AppliChem are of non-animal origin!
Specifications:	<p>Assay (titr., dried subst.): 99.0 - 101.0 %</p> <p>α20°C/D; 10 %, 3 N HCl, dried subst.: +33.7° - +36.0°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying: 10.5 - 12.5 %</p> <p>Ninhydrin positive substances: max. 0.5 %</p> <p>pH (2 %; H₂O): 4.0 - 6.0</p> <p>Ammonium: max. 0.1 %</p> <p>Chloride: max. 0.02 %</p> <p>Sulfate: max. 0.02 %</p> <p>Fe: max. 0.001 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₄ H ₈ N ₂ O ₃ · H ₂ O
M:	150.14 g/mol
CAS:	5794-13-8
EINECS:	200-735-9
CS:	29241900

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