

Specification

L-Glutamine (DAB, USP) pure, pharma grade

A1420

Solubility:	100 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1420
Product Name:	L-Glutamine (DAB, USP) pure, pharma grade
Headline Comment:	• All amino acids from AppliChem are of non-animal origin!
Specifications:	<p>Assay (titr., calc. on dried subst.): 99.0 - 101.0 %</p> <p>α20°C/D; 10 %, 2 M HCl, calc. on dried subst.: +31.5° - +33.0°</p> <p>α20°C/D; 4 %, H₂O: +6.3° - +7.3°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>pH (25 g/L; H₂O): 4.0 - 6.0</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying (3 h; 105°C): max. 0.3 %</p> <p>Ninhydrin positive substances: max. 0.5 %</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 ₅ H ₁₀ N ₂ O ₃
M:	146.15 g/mol
CAS:	56-85-9
EINECS:	200-292-1
CS:	29241900

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