

Specification

L-Lysine 1-hydrate (DAB) pure, pharma grade

A1342

Solubility:	300 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1342
Product Name:	L-Lysine 1-hydrate (DAB) 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>α_{20°C/D}; 8 %, 6 M HCl, calc. on dried subst.: +25.5° - +27.0°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>pH (2.5 %; H₂O): 9.0 - 10.5</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Sulfated ash: max. 0.1 %</p> <p>Ninhydrin-positive substances: max. 0.5 %</p> <p>Water (K.F.): 10.0 - 11.5 %</p> <p>Ammonium: max. 0.02 %</p> <p>Chloride: max. 0.03 %</p> <p>Sulfate: max. 0.02 %</p> <p>Fe: max. 0.001 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₆ H ₁₄ N ₂ O ₂ · H ₂ O
M:	164.21 g/mol
CAS:	39665-12-8
EINECS:	200-294-2
CS:	29224100

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