


Specification

**L-Arginine base (Ph. Eur., USP) pure, pharma grade**

**A1345**

<b>Solubility:</b>	150 g/L (H <sub>2</sub> O)
<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A1345
<b>Product Name:</b>	L-Arginine base (Ph. Eur., USP) pure, pharma grade
<b>Headline Comment:</b>	• All amino acids from AppliChem are of non-animal origin!
<b>Specifications:</b>	<p>Assay (titr., calc. on dried subst.): 98.5 - 101.0 %  <math>\alpha</math>25°C/D; 8 %, 6 M HCl: +26.3° - +27.7°                      Appearance of solution: passes test                      Identity: passes test                      Heavy metals (as Pb): max. 0.0015 %                      Sulfated ash: max. 0.1 %                      Loss on drying (3 h; 105°C): max. 0.5 %  <math>\alpha</math>20°C/D; 8 %, HCl 250 g/L, calc. on dried subst.: +25.5° - +28.5°                      Ammonium: max. 0.02 %                      Chloride: max. 0.02 %                      Sulfate: max. 0.03 %                      Fe: max. 0.001 %                      Ninhydrin positive substances (HPLC)                      Each individual impurity: max. 0.2 %                      Total impurities: max. 0.5 %                      Ninhydrin positive substances (TLC)                      Each individual impurity: max. 0.5 %                      Total impurities: max. 2.0 %</p>
<b>Hazard pictograms</b>	

**AppliChem GmbH**

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<b>WGK:</b>	1
<b>Storage:</b>	RT
<b>Signal Word:</b>	Attention
<b>GHS Symbols:</b>	GHS07
<b>H Phrases:</b>	H319
<b>P Phrases:</b>	P264 P280 P305+P351+P338 P337+P313
<b>Molecular Formula:</b>	$C_6H_{14}N_4O_2$
<b>M:</b>	174.20 g/mol
<b>CAS:</b>	74-79-3
<b>EINECS:</b>	200-811-1
<b>CS:</b>	29224985

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