

Specification

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

A1700

Solubility:	900 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1700
Product Name:	L-Arginine Hydrochloride (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 - 101.0 %</p> <p>α20°C/D; 8 %, 6 M HCl: +21.4° - +23.6°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>Heavy metals (as Pb): max. 0.002 %</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying (2 h; 105°C): max. 0.2 %</p> <p>α20°C/D; 8 %, 250 g/L HCl, calc. on dried subst.: +21.0° - +23.5°</p> <p>Ammonium: max. 0.02 %</p> <p>Chloride: 16.5 - 17.1 %</p> <p>Sulfate: max. 0.03 %</p> <p>Fe: max. 0.001 %</p> <p>Ninhydrin positive substances (HPLC)</p> <p>each individual impurity: max. 0.2 %</p> <p>Total impurities: max. 0.5 %</p> <p>Ninhydrin positive substances (TLC)</p> <p>Each individual impurity: max. 0.5 %</p> <p>Total impurities: max. 2 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₆ H ₁₄ N ₄ O ₂ · HCl


AppliChem GmbH

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Specification

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

A1700

M:	210.66 g/mol
CAS:	1119-34-2
EINECS:	214-275-1
CS:	29224985
	

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