Specification

L-Lysine Monohydrochloride (Ph. Eur., USP) pure, pharma grade A1706

Solubility:	420 g/L (H_2O)
Physical Description:	Solid
Product Code:	A1706
Product Name:	L-Lysine Monohydrochloride (Ph. Eur., USP) pure, pharma grade
Headline Comment:	• All amino acids from AppliChem are of non-animal origin!
Specifications:	Assay (titr., calc. on dried subst.): 98.5 - 101.0 % α25°C/D; 8 %, 6 M HCl: +20.4° - +21.4° Appearance of solution: passes test Identity: passes test Sulfated ash: max. 0.1 % Loss on drying (3 h; 105°C): max. 0.4 % α20°C/D; 8 %, HCl 250 g/L, calc. on dried subst.: +21.0° - +22.5° Ammonium: max. 0.02 % Chloride: 19.0 - 19.6 % Sulfate: max. 0.03 % Fe: max. 0.003 % Ninhydrin positive substances (HPLC) Each individual impurity: max. 0.2 % Total impurities: max. 1.0 % Ninhydrin positive substances (TLC) Total impurities: max. 2 % Each individual impurity: max. 0.5 % Elemental impurities (according to ICH Q3D): passes test
WGK:	1
Storage:	RT
Molecular Formula:	$C_6H_{14}N_2O_2 \cdot HCl$

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Specification

L-Lysine Monohydrochloride (Ph. Eur., USP) pure, pharma grade A1706

M:	182.65 g/mol
CAS:	657-27-2
EINECS:	211-519-9
CS:	29224100

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