Specification

L-Proline (Ph. Eur., USP) pure, pharma grade A1707

Solubility:	1500 g/L (H_2O)
Physical Description:	Solid
Product Code:	A1707
Product Name:	L-Proline (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; 4 %, H_2O: -84.3° - -86.3° 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. 0.4 % α20°C/D; 4 %, H_2O, calc. on dried subst.: -84.0° - -86.0° 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 %
WGK:	1
Storage:	RT
Molecular Formula:	$C_5H_9NO_2$
M:	115.13 g/mol

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CAS:	147-85-3
EINECS:	205-702-2
CS:	29339980

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