Specification

L-Tyrosine (Ph. Eur., USP) pure, pharma grade A1677

Solubility:	0.4 g/L (H_2O)
Physical Description:	Solid
Product Code:	A1677
Product Name:	L-Tyrosine (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.): 99.0 - 101.0 % α20°C/D; 5 %, 1 N HCl, calc. on dried subst.: -12.3° - -11.0° 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. 0.3 % α25°C/D; 5 %, 1 N HCl: -11.2° - -9.8° Ammonium: max. 0.02 % Chloride: max. 0.02 % Sulfate: max. 0.03 % Fe: max. 0.001 % Ninhydrin positive substances (HPLC) Phenylalanine: max. 0.5 % Any other ninhydrin-pos. Subst.: max. 0.2 % Total impurities: max. 0.6 % Ninhydrin positive substances (TLC) Each individual impurity: max. 0.5 % Total impurities: max. 2 %
WGK:	1
Storage:	RT
Molecular Formula:	$C_9H_{11}NO_3$

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Specification

L-Tyrosine (Ph. Eur., USP) pure, pharma grade A1677

M:	181.19 g/mol
CAS:	60-18-4
EINECS:	200-460-4
CS:	29225000

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