

Specification

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

A1645

Solubility:	10 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1645
Product Name:	L-Tryptophan (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 % α20°C/D; 1 %, H₂O, calc. on dried subst.: -33.0° - -30.0° Appearance of solution: passes test Identity: passes test pH (1 %; H₂O; 20°C): 5.5 - 7.0 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; 1 %, H₂O: -32.8° - -29.4° Ammonium: max. 0.02 % Chloride: max. 0.02 % Sulfate: max. 0.03 % Fe: max. 0.002 % Ninhydrin positive substances (HPLC) Total impurities: max. 0.5 % each individual impurity: max. 0.2 % Impurity A and other related subst. (HPLC) Total impurity after Tryptophan: max. 0.03 % Total impurity before Tryptophan: max. 0.01 % Impurity A: max. 0.001 %
WGK:	1
Storage:	RT
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O ₂
M:	204.23 g/mol

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EINECS:	200-795-6
CS:	29339980
	

AppliChem GmbH

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