

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:	<p>Assay (titr., calc. on dried subst.): 98.5 - 101.0 %</p> <p>α20°C/D; 1 %, H₂O, calc. on dried subst.: -33.0° - -30.0°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>pH (1 %; H₂O; 20°C): 5.5 - 7.0</p> <p>Heavy metals (as Pb): max. 0.0015 %</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying (3 h; 105°C): max. 0.3 %</p> <p>α25°C/D; 1 %, H₂O: -32.8° - -29.4°</p> <p>Ammonium: max. 0.02 %</p> <p>Chloride: max. 0.02 %</p> <p>Sulfate: max. 0.03 %</p> <p>Fe: max. 0.002 %</p> <p>Ninhydrin positive substances (HPLC)</p> <p>each individual impurity: max. 0.2 %</p> <p>Total impurities: max. 0.5 %</p> <p>Impurity A and other related subst. (HPLC)</p> <p>Total impurity before Tryptophan: max. 0.01 %</p> <p>Total impurity after Tryptophan: max. 0.03 %</p> <p>Impurity A: max. 0.001 %</p>
WGK:	1
Storage:	RT


AppliChem GmbH

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Specification

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

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Molecular Formula:	$C_{11}H_{12}N_2O_2$
M:	204.23 g/mol
CAS:	73-22-3
EINECS:	200-795-6
CS:	29339980
	

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