

# Specification

**Formula Hill:** C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub>  
**Molar Mass:** 119,12 g/mol  
**CAS N°:** 72-19-5

Print Date: 08 June 2022

119050 L-Threonine, Ph. Eur.

	Specifications
Assay	99,0 - 101,0 %
Infrared Absorption	conforms
Appearance	
- White or almost white	conforms
- Crystals or crystalline powder	conforms
Appearance of solution	conforms
pH	5,0 - 6,5
Specific rotation	-29,0 - -27,6 °
Chloride (Cl)	≤ 0,0200 %
Sulfate (SO <sub>4</sub> )	≤ 0,0300 %
Ammonium (NH <sub>4</sub> )	≤ 0,0200 %
Heavy metals (as Pb)	≤ 0,0200 %
Iron (Fe)	≤ 0,0010 %
Ninhydrin-positive substances	conforms
Loss on drying	≤ 0,5 %
Sulfated ash	≤ 0,1 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: Ph. Eur. specification