



HEBEI HUAHENG BIOLOGICAL TECHNOLOGY CO.,LTD

河北华恒生物科技有限公司

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## SPECIFICATION

Product Name:L-Threonine

CAS:72-19-5

Molecular formula: C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub>

EINECS: 200-744-1

Package:25kg/BAG

Standard: USP

项 目 Item	标 准 Specifications	
外观 Description	白色结晶或结晶性粉末 White crystals or crystalline powder	
鉴别 Identification	红外吸收一致 Infrared absorption uniformity	
含量 ,% Assay,%	98.5~101.5	
比旋光度 Specific optical rotation[α] <sub>D</sub> <sup>20</sup>	-26.7°~ -29.1°	
干燥失重,% Loss on drying,%	≤ max 0.2	
灼烧残渣, % Residue on ignition, %	≤ max 0.4	
氯化物, % Chloride (Cl) , %	≤ max 0.05	
硫酸盐,% Sulfate (SO <sub>4</sub> ),%	≤ max 0.03	
铁 (Fe),% Iron (Fe) , %	≤ max 0.003	
pH pH value	5.0 – 6.5	
重金属, % Heavy metals (Pb) ,%	≤ max 0.0015	
有关物质 Related Compounds	单杂 Individual impurities	≤ max 0.5
	总杂 Total impurities	≤ max 2.0