

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Specification Sheet

Product Name:	L-Threonine
Specifications & Purity:	animal free, Low Endotoxin, ≥99%,for cell culture
SKU #	T652220
Version	1

Parameter

Appearance(T652220)
Infrared spectrum
Specific Rotation $[\alpha]_{25/D}(c=6 \text{ in H}_2\text{O})$
Purity(as dry basis) (HPLC)
Origin
Residual solvents
Solubility in H₂O , Colorless,Clear,100 mg/mL, H₂O
Ninhydrin-positive substances (other amino acids)
Heavy metals
Iron(Fe)
Sulfate(SO₄²⁻)
Arsenic(As)
Chloride(Cl⁻)
Ammonia (NH₄)
PH test (USP)
Ignition Residue
Loss on drying
Cell Culture Test
Endotoxin Level
Total Plate Count

Limit Values

White Powder or Crystals
Conforms to Structure
-29~-26 (°)
99-101 (%)
non-animal source
complies
pass
Conforms
0-10 (ppm)
0-10 (ppm)
0-0.02 (%)
0-1 (ppm)
0-0.02 (%)
0-0.02 (%)
5-6.5
0-0.1 (%)
0-0.2 (%)
pass
0-1 (EU/mg)
0-1000(CFU/g)

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