

# Technical Data Sheet

## L-Threonine Feed Grade

Product Trade Name: L-Threonine Feed Grade

Brief Introduction: L-Threonine is an essential amino acid for animal. It can be used for the sedimentation of protein, participate in animal's supersession and maintaining activities to enhance the digestion and immunocompetence of the animal. It can also adjust the balance of the amino acids in feed, enhance the efficiency of feed utilization, and lower the cost of the feed when work with other amino acids.

Appearance: White or sandy beige crystal or powder

**Chemical Formula & Chemical Composition:** C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub>

**Composition:** L-Threonine 100%

Specification:

Item	Specification
Assay	98.5% min
Shelf life	3 years
Specific Rotation $[\alpha]_{D_{20}^{\circ}C}$	-26.0 <sub>0</sub> – -29.0 <sub>0</sub>
Loss on drying	1.0% max
Residue on ignition	0.5% max
Heavy metals (Pb)	20 ppm max
Arsenic(mg/kg)	2 ppm max

**Manufacture Name:** TONGLIAO MEIHUA BIOLOGICAL SCI-TECH., LTD.  
MULITU TOWN, KEERQIN DIS., TONGLIAO CITY, THE INNER MONGOLIA 028024

**Origin:** CHINA

**Grade:** Feed Grade

**Storage Condition:** Store in Ventilated, Cool and Dry Place