

# THR Pro Feed Grade (85%)

## Description

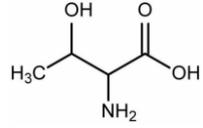
Threonine is an essential amino acid for monogastric animals. In pigs, it is the second limiting amino acid after lysine in cereal/soy-based diets. Apart from its role in protein biosynthesis, threonine has important functions in the digestive process by being a major component of the gut mucus. Moreover, threonine is a significant building block of immunoglobulins.

BestAmino™ L-Threonine is a high-quality feed grade amino acid produced by bacterial fermentation with threonine activity of minimum 85%.

## Appearance

Brown to Dark Brown Granules

## Chemical description

Chemical formula/Structure	C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>	
Molecular weight (g)	119.12 g/mol	
Isomer	L-form, (-), (l)	
CAS number	72-19-5	

## Commercial guarantee

L-Threonine, %	minimum	85	HPLC
Moisture, %	maximum	5.0	105°C for 3 hours

### General specifications | Does not constitute any commercial guarantee

pH	3.5 – 7.5
Bulk density, g/ml	0.60 to 0.90 g/mL
Melting point, °C	Approx. 253 – 257 °C

## Packaging

25 kg, 3-ply kraft paper bag with 1-ply polyethylene liner

1000 kg, polypropylene woven bag laminated with polyethylene

## Storage

Store in dry and cool conditions in sealed or closed container protected from water, sunlight and heat.

Avoid direct contact with floor and any source of combustion.

## Stability

Unopened product is stable for at least 2 years if stored under recommended conditions.

Batch number and production date are printed on the bag.