

Office:

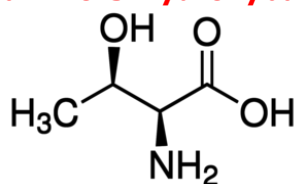
Tomás Diago 748
 Montevideo – Uruguay
 Tel.: +598 2710 4348 – 2710 6351
 Fax: +598 2711 7516
 Email: sales@dirox.com.uy
 Web: www.dirox.com.uy

**Plant:**

National Route N° 1 Km. 48
 Libertad – San José - Uruguay
 Tel.: +598 4345 4186 - 4256
 Fax: +598 4345 4255
 Email: secretarialib@dirox.com.uy
 Web: www.dirox.com.uy

L-Threonine – Feed Grade

**L-Threonine; Threonine, L-; Threonine; Threonin; H-Thr-OH; H-DL-Thr-OH;
 (2S,3R)-2-amino-3-hydroxybutanoic acid**

**CHEMICAL CHARACTERISTICS**

CAS N°:	72-19-5
EINECS N°:	200-774-1
Molecular Formula:	C4H9NO3 or CH3CH(OH)CH(NH2)CO2H
Molecular Weight (g/mol):	119.12
Physical Description:	White or offwhite powder

TECHNICAL PROPERTIES

Assay (as C4H9NO3), not less than, %	98.5
Content in Threonine, not less than, %	98.5
Disgestibility, %	100
Crude protein (N x 6.25), not less than, %	72.4
Nitrogen content	0.1176

APPLICATION

L-Threonine is an essential aminoacid occurring naturally in the L-form, which is the active form. It's found in eggs, milk, gelatin, and other proteins.

L -Threonine is the necessary complement of L-Lysine for which it optimizes the use by animals for body protein deposition and weight gain. Moreover, L-Threonine plays an important role in processes of maintenance and, more particularly of digestion. In practice, L-Threonine is the second limiting aminoacid in feed for pigs and the third limiting aminoacid in feed for poultry.

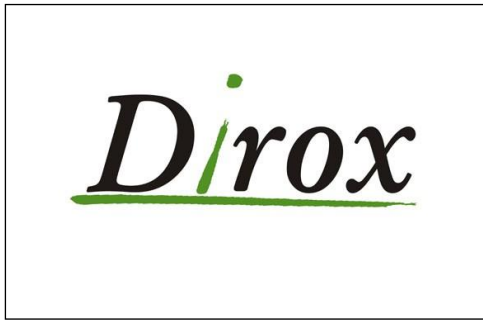
Benefits:

- Apply to the production low-protein forage.
- Keep the balance of amino acids in the forage and stimulate the growth of the animals.
- Increase the nutritive value of forage raw materials which have low amino acid digestibility.



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PACKING & STORAGE

L -Threonine feed grade is packed in 25 kg polyethylene bags.
 L -Threonine feed grade should be kept cool and dry in unopened manufacturer's packaging.

GUARANTEED SHELF LIFE

Under these conditions of storage, the recommended shelf life of L -Threonine feed grade is 3 years from the manufacture date.

TRANSPORT

L -Threonine feed grade can be transported by all types of transport in accordance with Goods Transport Rules applicable for this vehicle of product.

CERTIFICATION

Product safety is confirmed by the Safety Data Sheet.
 No materials of animal origin are used in the production of L -Threonine.
 L -Threonine feed grade is manufactured under strict GMP conditions.

By more information contact to: sales@dirox.com.uy

