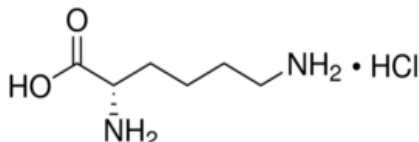


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L-Lysine Hydrochloride – Feed Grade

Hydrochlorure de L-Lysine; L-2,6-diaminohexanoic acid; L-Lysine; L-Lysine HCl; L-Lysine Hydrochloride; L-Lysine Monohydrochloride; H-Lys-OH.HCl; LyamineHydrochlorure de L-Lysine

CHEMICAL CHARACTERISTICS

CAS N°:	657-27-2
EINECS N°:	211-519-9
Molecular Formula:	H2N(CH2)4CH(NH2)CO2H·HCl or C6H14N2O2.HCl or C6H15ClN2O2
Molecular Weight (g/mol):	182.65
Physical Description:	Light yellow particles
Density, t/m3:	1.1 – 1.3

TECHNICAL PROPERTIES

Assay (as C6H14N2O2.HCl), not less than, %	99.5
Content in Lysine base, not less than, %	78
Equivalent in L-Lysine HCl, %	100
Specific Rotaion	+18.0 ~ +21.5
Disgestibility, %	100
Crude protein, not less than, %	93.4
Humidity (loss on drying), not more than, %	1.0
Residue on ignition, not more than, %	0.3
Content in Ammonium Salt (in terms of NH4+), not more than, %	0.04
Mass fraction of arsenic (As) not more than, ppm	2
Mass fraction of lead (Pb), not more than, ppm	30

APPLICATION

L-Lysine HCl is one of the most widely used amino acid. It's an essential amino acid required in the diets of swine, poultry and most other animal species. L-lysine HCl is frequently the first-limiting amino acid in many of the additives commonly included in swine and poultry is not only justified on the basis of least -cost formulation, but also enables the nutritionist to balance the diet to meet the animals requirement most closely ,improving the meat quality and promoting the growth of animals, it is widely used in feed additive industry.

It's a crucial amino acid which is needed in the diets of poultry and other animals. It's mostly made by fermentation employing strains of Corynebacterium, Lysine is helpful in the synthesis of poultry proteins particularly relevant for the development of enzymes, skeletal tissue and hormones. It can also be metabolized to yield ketone bodies and glucose in case of carbohydrate deficiency in poultry.

Benefits:

- Improve milk yield of cow.
- Improve daily gain and carcass quality of cattle.
- Improve fertility rate and improve performance.



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PACKING & STORAGE

L-Lysine HCl is packed in 25 kg polyethylene bags.
 L-Lysine HCl is stored in the manufacturer's packaging in cool in dry place.

GUARANTEED SHELF LIFE

Recommended shelf life of L-Lysine HCl is 24 months from the manufacture date with the proper storage conditions.

TRANSPORT

L-Lysine HCl 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.

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

