

Item Name:

Choline

PRODUCT INFORMATION

Chinese Name:	氯化胆碱
Commodity Name:	Choline Chloride
Chemical Name:	Choline Chloride
Other Name:	2-Hydroxyethyl Trimethylammonium Chloride, 2-Hydroxy-N,N,N-Trimethylethanaminium Chloride
CAS No.:	67-48-1
Molecular Weight:	139.62
Molecular Formula:	C ₅ H ₁₄ ClNO

PRODUCT DESCRIPTION

Choline chloride is an organic substance used to treat fatty liver and cirrhosis. Choline chloride is also used as a feed additive for poultry and livestock, which can stimulate the ovaries to produce more eggs, litters and weight gain of poultry and fish. Choline, known as Vitamin B4, is a water soluble vitamins. It plays a significant role in nutrition and is added as a standard ingredient to premixes as an additive to feed preparations for a variety of monogastric animals.

TECHNICAL SPECIFICATION

Index	50% Silica	60% Corn Cob	70% Corn Cob
Appearance	White crystal powder		
Choline Chloride (as C ₅ H ₁₄ NClO on dry basis) by wt %	50 min	60 min	70 min
Total free amine/ammonia [as (CH ₃) ₃ N] by wt %	0.03 max	0.1 max	0.1 max
Loss on drying by wt %	18 max	4 max	4 max
Heavy metal (as Pb) by wt %	0.002 max	0.002 max	0.002 max
Total Arsenic (as As) by wt %	0.002 max	/	/
Fineness (through 850µm mesh)	90 min	90 min	90 min

MAIN APPLICATION

Choline chloride used as feed additive has following important functions: to prevent the accumulation of fat in livers and kidneys and avoid its pathological changes; to enhance the health of animals and to improve its ability to anti-illness; to increase the growth rate and laying rate of fowls and to increase the survival rate of baby pig; to increase the growth and survival rate of fishes and promote its propagation; to ensure the proper functioning of the nervous system of animals.

PACKING AND SHELF LIFE

Packing: 25kg/bag

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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