SHREE POLYMERS

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TECHNICAL DATA SHEET

CHOLINE CHLORIDE 98% - FEED GRADE

Product Name	**Choline Chloride 98%** - FEED GRADE	
CAS No	67-48-1	
Chemical Name	Choline Chloride	
Chemical Structure		
Molecular Weight	139.62	
Description	Choline chloride is a member of the B-complex group of water soluble vitamins. It is an essential factor in the normal health development of animals and necessary for maximum growth. As a part of the molecular structure of phospholipids, it is concerned with the mobilization of fat in the body. In the absence of choline there is an abnormal accumulation of fat in the liver. In conjunction with certain other dietary factors, choline will prevent the occurrence of perosis (slipped tendon) in chicks and turkeys. It is also involved in the synthesis of phospholipids, sphyngomyelins and glycine. Choline is essential for the formation of acetylcholine, a compound which makes possible the transmission of nerve impulses.	
Appearance	White to off white powder	
Benefits	▪ Prevent fatty liver syndrome. ▪ Prevent bone abnormality or perosis in chick. ▪ Improve body immunity system to prevent disease. ▪ Improve Carcass quality. ▪ Improve egg production. ▪ Improve FCR.	
Application	• Prevent the accumulation of fat and tissue lesions in the liver and kidney • Strengthen animal's health and disease resistance • ability . • improves animal's growth rate and laying rate and piglet's Survival rate • promote Fish growth and breeding , improves survival rate • Ensure animal's normal function of nervous system	
Properties	Assay	Min 98%
	Loss on drying	Min 0.5%
	Heavy metals	Max 20(ppm)
	TMA (ppm)	Max 300
Handling and storage	Store in a cool, dry, well ventilated area. Keep away from incompatible materials.	
Shelf Life	2 years	
Packing	25kg bags.	
Dosage & Administration	Poultry : 500g to 1500 g/ton of feed or as prescribed by veterinary	