ELENCO

Elenco MOS

PREBIOTIC

Enhances animal development performance
Controls intestinal microbiota
Stimulates Immunological responses

Feed Safety GMP+ Assurance

Why use Elenco MOS?

Elenco MOS contains higher concentrations of Mannanoligosaccharides (MOS) and β-glucan. Both are indigestible to monogastric animals and can inhibit growth of pathogenic microorganisms in the intestinal tract by binding pathogenic bacteria that possess mannose-specific type-I fimbriae and by its prebiotic activity. At the other hand, MOS have been found to enhance the growth of some probiotics such as cecal Lactobacillus species and Bifidobacterium species, enhacing immunity and intestinal health. Finally, the latest studies in birds and sheep showed that MOS improve the body's antioxidant capacity through inhibiting lipid peroxidation and/or elevating antioxidant enzymes activities.

Features and Benefits of Elenco MOS

- MOS binds pathogenic bacteria like Salmonella, E. coli (Spring et al., 2000) MOS can increase the generation of antibodies the avian influenza virus,
- virus
  Newcastle disease virus, and infectious bursal disorders (Salehimanesh et al., 2016) β-glucans may operate as immunomodulators to promote lymphocyte proliferation and release cytokines (Teng and
- Kim, 2018) Elenco MOS is a thermostable product, useful in free antibiotic program and increase the Feed Conversion Ratio (FCR) and Egg quality and production
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Composition

Mannan oligosaccharide
β-glucan

Package

25 Kg Bag

Dosage

Broiler Layer	250-500gr/MT of feed
Breeder	500gr/MTof feed
Calves	500gr/MTof feed
Cows Cattle	5 gr/head/day
Sheep	10 gr/head/day
Aquaculture	200-500 gr/MT of feed
	300 gr - 500 gr/MT of feed
	0.5 - 2Kg/MT of feed

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