

# VITOZYME

## Powder

For Veterinary Use Only

### Composition:

Each gm contains

Lysozyme ..... 22%

Vitamin E (50% SD) ..... 0.5%

### Indications:

Vitozyme powder is indicated to improve tissue repair, boost the immune system and enhances resistance against harmful bacteria particularly (Clostridium, E coli, Salmonella, and staphylococcus). It reduces stress and promote growth. It improves reproductive performance in layers and breeders.

### Pharmacology:

Lysozyme, an enzyme naturally found in various bodily fluids such as saliva, tears, and mucus, plays a crucial role in the immune system. It exhibits antibacterial properties by breaking down the cell walls of certain bacteria, particularly Gram-positive bacteria, through hydrolyzing their peptidoglycan components. Lysozyme is commonly used in pharmaceuticals and skincare products due to its antimicrobial and anti-inflammatory properties. It is also employed in the treatment of infections and to enhance wound healing.

Vitamin E, primarily known for its antioxidant properties, plays a significant role in protecting cells from oxidative stress. In pharmaceutical applications, Vitamin E (often in its form of tocopherol or its derivatives, such as 50% SD Vitamin E) is used for its ability to neutralize free radicals, thereby helping to prevent cellular damage, aging, and certain chronic diseases. It also promotes skin health by maintaining moisture and elasticity. Vitamin E is often included in formulations to support the body's overall immune function and to enhance the absorption of other essential nutrients.

### Properties:

- Vitozyme improves tissue repair,

increases immunity.

- Vitozyme Promotes colonization of beneficial bacteria and reduces population of pathogenic microorganisms.
- Vitozyme is nontoxic, have zero residual effect in meat and eggs.
- Vitozyme Optimizes feed conversion rate.
- Vitozyme Improves digestibility and daily weight gain.
- Vitozyme Increases laying rate.
- Vitozyme Optimizes recovery of the reproductive system.
- Vitozyme prevents bacterial infections during laying period

### Dosage and Administration:

1g in 2 to 4 liters of drinking water for 3 to 5 days

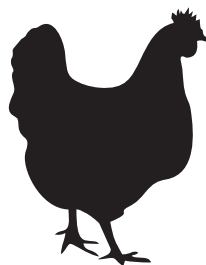
### Precautions:

Store between 15- 25°C in a cool & dry place

Consult veterinarian before use

Keep out of the reach of children.

### Innovator's Specs.



Manufactured by:  
Selmores Pharmaceuticals (Pvt) Ltd.  
36 Km Multan Road, Lahore, Pakistan.



ISO CERTIFIED COMPANY