

## Augment<sup>®</sup> Vet Powder

Amoxicillin Trihydrate 10% and Clavulanic Acid 2.5% Oral Powder

### Composition

Each gm powder contains

Amoxicillin trihydrate BP 100 mg

Clavulanic acid BP 25mg

### Mode of action

**Augment<sup>®</sup> Vet** powder is a broad spectrum bactericidal antibiotic that belongs to the beta-lactam group. **Amoxicillin trihydrate** powder interferes with bacterial cell wall synthesis by inhibiting transpeptidase and carboxipeptidase enzymes and by binding with the "Penicillin binding protein" of bacteria. As a result, osmotic disorder occurs in the cell of bacteria and thus bacteria are destroyed. On the other hand, **Clavulanic acid** is a beta lactamase inhibitor, used in conjunction with beta-lactamase susceptible antibiotics to treat infections caused by beta-lactamase producing organisms.

### Indication

**Augment<sup>®</sup> Vet** powder is used for the prevention & treatment of infections of Respiratory, Gastrointestinal & Urinary tract and reproductive system in Poultry, Calves and Lambs, like – Enteritis, Colibacillosis, Salmonellosis, Fowl cholera, Fowl typhoid, Bronchitis, Infectious coryza, nephritis etc.

### Dosages & Administration

1 gm / Liter drinking water for 3-5 days.

Or, as per direction of a registered veterinarian / poultry consultant.

### Contraindication

**Augment<sup>®</sup> Vet** powder should not be given in case of known hypersensitivity to Beta-lactam antibiotics.

### Precaution

Once opened the sachet should be used quickly. Keep away from light and wet place. Keep under 25° C temperature. Keep out of the reach of children. Should not use any acidifier within same drinking water. **Should consume the medicated water within 6 hours.**

### Side effect

Toxicity is rare, sometimes dermatitis and eosinophilia may occur.

### Supply

100 gm & 500 gm

**For Veterinary Use Only**