



# ELECTROMED Powder

## (ORAL POWDER)

**INTRODUCTION:** High temperatures can put birds/animals, under great stress, increasing respiration rates and resulting in loss of body fluids. Water is regarded as the most important tool in combating this but doesn't replace important electrolytes.

**PRODUCT DESCRIPTION:** ELECTROMED is a specially formulated Electrolyte for treating various kinds of stress in bird / animals due to extreme climatic condition, diarrhoea, post antibiotic / coccidiosis therapy, vaccination, liver damage transportation, etc. To ensure the growth and general welfare on the health of birds / animals, Advanced Biotechnologies has developed a super quality stress reliever that is a blend of Osmolyte, Probiotics, Organic Acids, Vitamins, Minerals, etc. in an instant energy base.

### COMPOSITION:

Dextrose- 48g, Sodium Chloride-5g, Magnesium Sulphate -1g, Vitamin C – 1.2g, Sodium Citrate – 6g, Sodium Bicarbonate – 6g, Potassium Chloride – 10g, Calcium Lactate – 2g, Probiotic – 0.20g, Excipient – q.s.

### Significance of Ingredients:

Betaine Anhydrous, an organic osmolyte can only take care and reduce osmotic stress in summer particularly in overheating and dehydration, key factor for osmotic regulation. It stabilizes cellular metabolism in stress situation. It balances the concentration of water and salt in cells. It expedites growth, activity and vitality of cells and thereby benefits general bird health and welfare. Betaine prevents a decrease of intracellular enzyme activity in cases of dehydration or overheating, thus taken main and important role in osmotic stress.

*L. Bacillus* is the best source of anti-stress. Acidifiers and probiotic culture maintaining gut lining and micro flora balance thus reducing the adverse effects of summer stress and nutrient absorption. Vitamin P ensures the blood vessels remain healthy thus it protects blood vessels against disease and infection. Further due to its anti-oxidant properties play an important role in neutralizing the affects of oxidative





stress and damage of cells. Other Vitamins and organic minerals take care of loss due to dehydration and compensate the same to balance those nutrients in the body fluid for better bird health and performance.

### **BENEFITS:**

- **Compensate minerals, vitamins and fluid loss instantly.**
- **Compensate the loss of electrolytes and osmolytes occurred during stress and restore water electrolyte balance.**
- **Relieve stress efficiently due to heat, dehydration osmotic and oxidation.**
- **Relieve any stress due to debaking, transportation, vaccination, antibiotic therapy and climatic changes.**
- **Provide adequate calorie and nutrients to the day- old chickens and birds.**
- **Maintain adequate acid base balance condition of the gut lining and micro flora balance thus reduce the adverse effects of summer stress on nutrient absorption.**

### **Dosages & Administration:**

- Poultry: 1 gm in 3 to 5 litre water
- Feed : 500 gm per ton of feed
- Small Animal: 10 to 15 gm per day
- Large Animal: 30 to 40 gm per day

During severe dehydration and diarrhea, double the dosage or as per the advice of your consultant.

**Packaging:** 100 GMS & 1 kg Aluminum Foil Pouch

**Storage:** Store in a cool and dry place. Keep out of reach of children.

**SHelf Life:** 18 month from the date of manufacturing **Withdrawal Period:** Nil

Usable as animal feed & It does not contain any substance that is harmful for animal & human health.

*Free from Antibiotic, Melamine, Chloramphenicol, Nitrofurans, GMO & BSE*

