



PRODUCT INFO
& DATASHEET

VITAMIN C -L (Liquid Vitamin C)

17/9/2014

Vitamin C -L is a type of highly stable hydrosoluble vitamin C, developed for application in feed and drinking for livestock and poultry under stress conditions. Poultry have an ability to synthesize vitamin C, but this ability is inadequate under stress conditions such as abnormal temperature, humidity, high productive rate, and parasite infestation. Vitamin C has beneficial effects on immune system, glucose, urea, triglycerides, cholesterol protein and albumin concentrations. Studies report the best feed intake, >10% increase in body weight, and 60% decrease in mortality of chickens, supplemented vitamin C 20-40mg/bird/day in drinking water under heat stress.

Advantages of Vitamin C -L :

- High absorption :> 75% of ingested vitamin C is absorbed from intestines
- Suitable for the poultry and breeding farm. Timely & convenient in using
- Economic and preserved in liquid stage even for mixing
- High stability: More stable than Crystal Vitamin C

Complimentary Vitamin C in poultry :

- The chickens maintain the best growth and productive ability
- The newly hatched chick has a slow rate to synthesize vitamin C in body.
- Alleviates the negative effects induced by the environmental or social stressors such as hot temperature, high air humidity, group exchanging, transportation and overcrowding.
- Alleviates symptoms of some diseases and decreases the continuous infection and mortality.
- Overtaking of antibiotic consumes most of vitamin C in body.

In fishery :

Most species of fish would develop vitamin C deficiency without dietary vitamin C, i.e., poor appetite, low growth and damage of tissues. Dietary vitamin C alleviates damage and mortality, promotes the skeleton growth, and wound healing under environmental stressors; such as delivery, exchanging pools, changing of climate, and overcrowding.

ITEM	STANDARDS
Appearance	Clear liquid almost colorless
Activity	20% (ex Sodium L-Ascorbate)
Pb2+	≤20ppm
As2+	≤5ppm
PH Value	3.0 to 6.0
Solubility	In water
Packing	1 liter , 5 liter
Shelf Life	1.5 years stored in a cool and dry room protected from light

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