



**PRODUCT INFO
& DATASHEET**

SICOVIT-C ***Protected Vitamin C 50 % Ascorbic Acid***

Sicovit-C is a stabilized, protected bioavailable and bypass form of ascorbic acid (3-oxo-l-gulofuranolactone), feed grade.

Sicovit-C contain 50% Ascorbic acid with a feed grade fatty acid matrix which encapsulates the active principle as perfectly ingestible white microcapsules. 90% of the product will go through a 540 micron (30 mesh) filter.

The special manufacturing process used on the vitamin C content allows perfect physical insulation of the active principle which is thus protected inside the microcapsule.

All this ensures protection of the Sicovit-C from the air, humidity, light, heat and oxidation and also protect it from interaction between the various incompatible active principles contained in the integrators and feedstuff (e.g. trace elements, choline etc.). Sicovit-C's stability was defined by using an integrator with trace minerals and vitamins including Sicovit-C and comparing it with an integrator containing non-protected vitamin C.

The percentage losses for the two forms of the vitamin were compared over a period of 6 months of storage at room temperature (20°C - 22°C).

USE & BIOCHEMICAL FUNCTIONS

Sicovit-C is used in feed for every kind of animal and thanks to its stability also to prepare mineral and vitamin trace integrators also, given its stability, to prepare mineral and vitamin trace integrators.

Sicovit-C increases infection resistance of housed animals and also acts as an antistress. It is involved in collagen biosynthesis and participates in oxide reducing processes by improving cell respiration. It exercises an important trophic and protective function on the capillary vessels.

Sicovit-C also facilitate steroid hormone synthesis.

Sicovit-C can be used in the preparation of fish feed.

SOLUBILITY

Sicovit-C is not soluble in water and this gives it good resistance to humidity.

ANALYSIS

A copy of the analytical data is available on request.

STORAGE

Store the product in sealed packages in a cool dry area. Sicovit-C's good stability factor guarantees the original titre for over 6 months.

PACKAGING

Box with polyethylene liner: 25 kg net.