

# IRON CARBONATE



ADDITIVE FOR  
ANIMAL NUTRITION OF  
NATURAL MINERAL  
ORIGIN



**Chemical name:**  
IRON CARBONATE  
**CAS number::** 563-71-3  
**Chemical Formula:**  $\text{FeCO}_3$   
**Additive identification number:** 3b101



## Description

CARBOFER C39 is a natural iron carbonate ( $\text{FeCO}_3$ ) extracted from a reservoir with high purity. Its value in assimilable iron is particularly high, being the best in percentage of iron. Its assimilation classifies it as an oligo-element of shock to choose. Light brown in color, it is in the form of a flour insensitive to humidity. Very easy to use, being able to mix with all kinds of preparation. CARBOFER C39 is standardized in its chemical composition and granulometry. Being controlled in a rigorous way at each stage of its manufacture.

Utilization:  
Iron value for the formulation in animal nutrition.

## Instructions for use

As an additive for the formulation of products intended for animal feed. In none of the cases is it expected to be consumed directly by the animals. In accordance with Directive 2002/32 / EC of the European Parliament and of the Council of 7 May 2002 on undesirable substances in animal feed, Regulation (EC) 2017/2330 about the authorization of additives and EC Regulation 1831/2003 on additives in animal feed.





Very high percentage of water soluble iron.



Greater digestibility and availability.



Low heavy metal levels



Food safety.



Particle size suitable for optimal iron assimilation



Greater fluidity of the product.

## Quality and food safety

From the environmental point of view, the process of extracting Iron Carbonate is totally respectful with the environment and does not generate chemical residues. Registered in the General Register of Establishments of the Animal Feed Sector (α ESP 08 200120), which guarantees the integrity of its process of manufacture and its conformity with the safety regulations in all the links of the food chain. Increasing the confidence of our customers.

## Handling and storage

Store in dry places and at non-elevated temperatures. Do not expose to the direct action of heat sources. Optimum date of use: 2 years from the date of bagging under normal storage conditions.

## Technical specifications product properties

Chemical composition	
P. total	Value
Fe	↑39,0%
CaO	1,4%
MgO	3,2%
MnO	5,2%
Metal content	Maximum value
As	↓ 30 ppm (12% humedad)
Cd	↓ 10 ppm (12% humedad)
Pb	↓ 100 ppm (12% humedad)
Hg	↓ 0,1 ppm (12% humedad)
Physical properties	
Density	1,3 gr/cm <sup>3</sup>
Granulometry +75µm	↓ 5%
Moistness(105 <sup>o</sup> )	↓ 0,5%
Dioxines <small>(12% moisture)</small>	
Dioxinas Total	↓1 ng WHOPCDD/F-TEQ/kg
Σ Dioxinas+PCBs "dioxin-like"	↓1,5 ng WHOPCDD/F-PCB TEQ/kg
PCBs "dioxine-like"	↓ 0,35 ng WHOPCB TEQ/kg
PCBs "non dioxine-like"	↓ 10 µg/kg
Format/Packaging:	
Big Bag 1250kg, 25 kg plastic bag and bulk.	
Storage:	
Store in dry places where the temperature is no higher than 25°. Do not leave near to open heat sources.	
Minimum Durability:	
24 months from production, under normal storage conditions	
To apply:	
As a additive in the formula of products intended for animal feed. It is not intended at any stage to be consumed directly by the animals.	
Restrictions on use:	
All animal species except pigs, steers, chickens up to 14 days and turkeys up to 28 days.	
Environment / Health / Safety / Handling:	
See safety sheet.	