

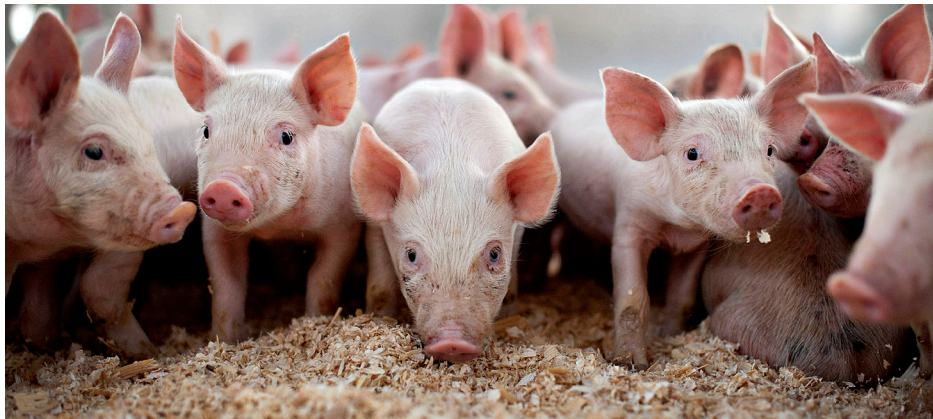
BUFFERMIN® GLYCINATES

Chelated Mineral Feed Supplements

Correct Mineral Deficiencies

Providing trace minerals to animals as feed supplements gets them the important micronutrients they need in their diet and for their health. However, to ensure animals absorb and efficiently utilize these essential minerals like calcium, copper, iron, manganese, magnesium, and zinc, it takes more than simply adding supplements to their feed.

At JH Biotech, our **Buffermin Glycinates** are animal feed supplements formulated with cutting-edge research and U.S. patented process of chelation to ensure vital trace mineral absorption.



Product Profile:

Form: Powder or liquid

Function: Corrects and prevents mineral deficiencies

Shelf life: 3 years



**Made in
USA**

Advantages:

- High bioavailability
- Non-synthetic
- Easily added into current diet
- Stable in feed
- Soluble organic minerals
- Uniform blending

Key Features:

- Corrects and prevents mineral deficiencies
- Supplies minerals and glycine
- Benefits metabolism
- Helps with proper development

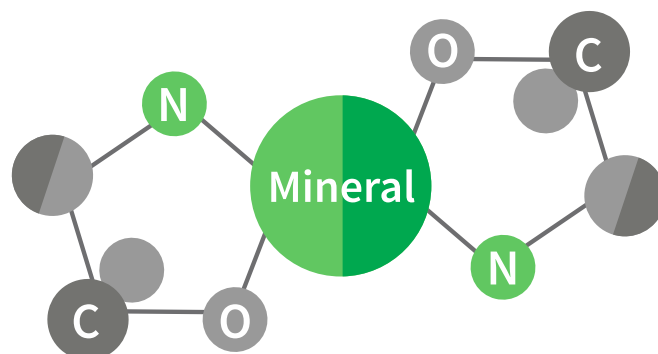


Benefits from Chelation Technology

Chelation is the process of attaching specific organic molecules to a mineral at two or more places to form a strong ring structure. The molecules hold the mineral firmly like a claw and act as a fence to protect the mineral from adverse biochemical interactions in the digestive system. **Buffermin Glycinates** are organically chelated by amino acid glycine.

Amino acids are the building blocks of protein which is essential for animal growth and easily absorbed into the body. This means **Buffermin Glycinates** have a strong bond, better absorption, and higher bioavailability compared with inorganic minerals or

synthetic chelates, and resist mineral loss with other biochemical interactions.



The Protected Mineral in a Chelate

Buffermin Glycinates Products:

Buffermin Glycinates minerals include: calcium, cobalt, copper, iron, magnesium, manganese, selenium, and zinc.

	Ca	Co	Cu	Fe	Mg	Mn	Zn
Buffermin® Calcium Glycinate	15%						
Buffermin® Cobalt Glycinate		10%					
Buffermin® Copper Glycinate			10%				
Buffermin® Iron Glycinate				15%			
Buffermin® Magnesium Glycinate					15%		
Buffermin® Manganese Glycinate						15%	
Buffermin® Zinc Glycinate							15%
Buffermin®-L Liquid Multimineral	1,000 ppm	24 ppm	220 ppm	520 ppm	10,000 ppm	1,100 ppm	3,200 ppm
Buffermin®-SP Powder Multimineral	5,300 ppm	150 ppm	1,000 ppm	3,200 ppm	60,000 ppm	7,000 ppm	20,000 ppm

Custom formulations are available upon request.