



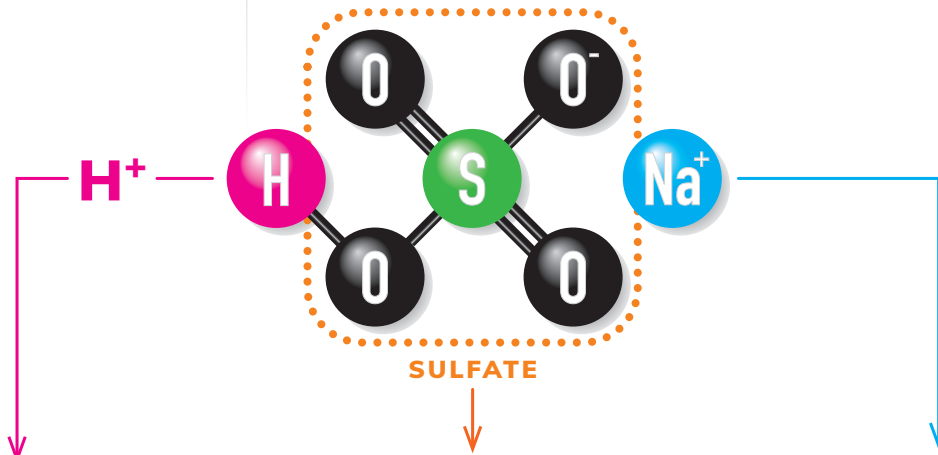
SUPPORT GUT INTEGRITY WITH SULFATE

AFG® - ANIMAL FEED GRADE IS A FUNCTIONAL FEED INGREDIENT THAT IMPROVES BIRD PERFORMANCE BY STRENGTHENING GUT INTEGRITY.

The power of **AFG** is found in its unique composition. Its low sodium content helps maintain dietary electrolyte balance (DEB) even at a higher inclusion rate, which allows for increased sulfate levels. **AFG** has the highest sulfate content of any feed additive or ingredient available.

Sulfate ions in the GI tract protect the intestinal mucus layer from bacterial and enzymatic degradation, thus making the mucus layer more resilient, resulting in:

- Protection of the intestinal epithelial layer, thus improving intestinal morphology and function
- Enhanced nutrient absorption for better bird performance
- Less gut damage during a coccidiosis challenge



LOWERS FEED PH

- Reduces buffering effects of diet in upper GI tract
- Enhance enzymatic activity for improved digestion

PROMOTES GUT HEALTH AND INTEGRITY

MITIGATES PERFORMANCE LOSSES IN COCCIDIOSIS-CHALLENGED BIRDS

CHLORIDE-FREE SODIUM SOURCE

- Reduces excess chloride levels in diet
- Positive impacts on litter quality
- Beneficial during heat stress



**SUPPORT GUT
INTEGRITY WITH
THIS CHLORIDE-FREE
SODIUM SOURCE +
SULFATE**

ONE PRODUCT, DIVERSE BENEFITS

AFG is recommended for all classes of poultry and all dietary phases to support:



Gut Health

Improved gut morphology, decreased gut leakage



Increased Weight Gain

Decreases bird age at processing



Improved FCR

Significant feed cost savings



Increased Yield

Gains in carcass and breast yield



Better Pellet Quality

Quality pellets improve bird performance



Support Litter Quality

Drier litter with lower pH at the end of the flock

IMPLEMENTATION AND PRODUCT SUPPORT

Feed mills are diverse, complex operations. Our engineers support AFG implementation to ensure a smooth, safe and accurate process.

**AFG®: SUPPORT GUT
INTEGRITY WITH SULFATE**

AFG® – Animal Feed Grade is a functional feed ingredient designed for all classes of poultry that improves bird performance by strengthening gut integrity. As a non-chloride sodium source with the highest sulfate content among additives, AFG fortifies the mucus layer of the gastrointestinal tract, promoting resilience and optimal function. This support enhances nutrient absorption, and safeguards against intestinal damage, particularly during periods of stress.

PRODUCT DETAILS

- Contains 19.7% sodium* and 26% sulfur
- Inclusion rate between 0.3% and 0.4% in diet
- Available in 50 lb. bags, 2,000 lb. totes and bulk
- GRAS (Generally Recognized as Safe) status under FDA
- Mixes well in diets
- Produced in compliance with Food Safety and Modernization Act
- Recognized by AAFCO

*sodium range 19.5% – 19.9%



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