



## B-TRAXIM SE

### INNOVATIVE MINERAL SOLUTIONS

#### IN CHALLENGING SITUATIONS

Minerals are essential for most metabolic processes; therefore, even a slight deficiency may cause reduced animal performance and well-being. An additional challenge with selenium is that the toxicity level lies close to the minimum requirement. Selenium impacts product quality, and also has an essential role in animals as part of the antioxidant system, supporting the health, well-being and performance of the animal and their offspring.

Sodium selenite can be limiting in its ability to support the requirements of animals. Selenomethionine sources - in which the selenium becomes an integral part of the amino acid structure - have been shown to be metabolized as amino acids, resulting in being stored in body proteins. The stability offered by the peptides in B-Traxim Se supports improved bioavailability while being readily available for synthesis of anti-oxidant enzymes when required.



#### DESCRIPTION

B-Traxim Se is a very concentrated organic selenium source in the market. It is produced through Iso-Fusion Technology which ensures purity and homogeneity in each particle for optimal use in premix and utilizing feed.

#### THE B-TRAXIM SE RANGE INCLUDES:

(Given selenium levels are minimum guaranteed)

B-Traxim Se-11 (1.1% selenium)

B-Traxim Se-2 (0.2% selenium)



## THE +

Homogenous  
particle size  
around  
300µm

Dustless and  
free-flowing

Pure  
crystalline  
form,  
no carriers

Full stability  
at different  
pH

Neutral odor  
and taste

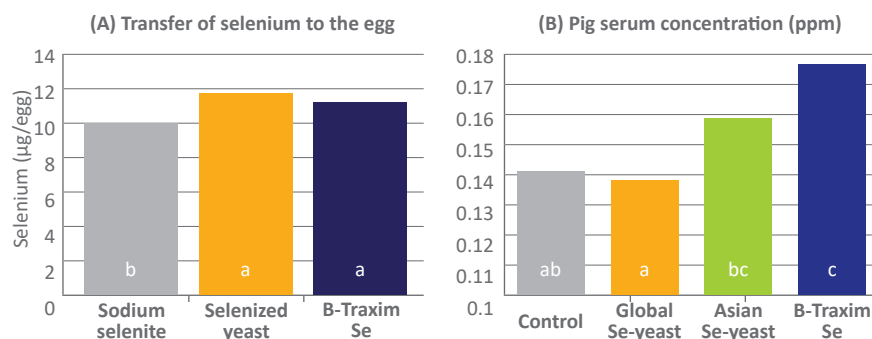
### ADM SOLUTIONS PARTNER

B-Traxim Se delivers targeted and effective support to meet the demands of today's livestock production, optimizing animal performance.

B-Traxim Se supports optimal development, maintenance and production, leading to higher profitability in animal operations.

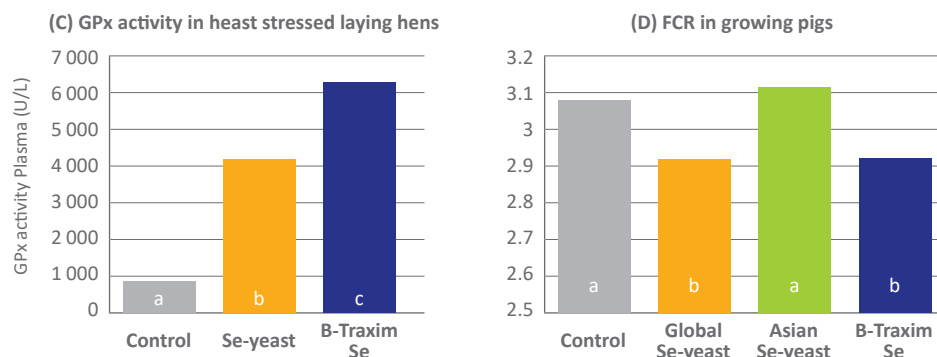
### Bioavailability of B-Traxim Selenium

High bioavailability was observed in broiler breeders in a study at the University of Guelph (Leeson et al., 2008) as shown by the improved transfer of Se into eggs (A). Jang et al., (2010) showed high bioavailability in fattening pigs with higher serum levels in a trial performed at the Seoul National University in Korea (B).



### Ability to improve FCR

B-Traxim Se showed the ability to improve activity in plasma of laying hens during heat stress by Travel et al. (2009) in a study performed by INRA, France (C). Improved performance can be supported by data from the Seoul National University, Korea (Jang et al., 2010) in fattening pigs, showing significant improved FCR (D).



### ADM IS YOUR GLOBAL LEADER IN ANIMAL NUTRITION

We are dedicated to enabling sustainable growth. Growth that benefits our customers, the world's population and this planet on which we live. We are One ADM Team working across a unique vertically integrated portfolio, providing exceptional levels of customer service and experience as we work together to address the three main challenges that our customers face: health through nutrition, performance & quality, and sustainability.