

Alterion, the probiotic by Adisseo

The difference is in the strain

Tapping into one of the world's largest microbial strain collections, Adisseo has collaborated with Novozymes to design its new probiotic solution for poultry: Alterion.

More than 900 AAFCO-listed strains were screened and tested in both *in vitro* and *in vivo* conditions. One single strain passed all the selection steps: *Bacillus subtilis* 29784.

"Thanks to its unique genetic make-up, this strain contained in Alterion has shown unique properties in all the criteria we have made our priority," says Stefan Jakob, Innovation Project Director at Adisseo.

Safety for humans and animals

Bacillus subtilis 29784 is a natural bacterial strain, which does not contain resistance genes to antibiotics used in human medicine. Moreover, some probiotic products can cause hemolysis or be cytotoxic for animal cells. In order to preserve the animals' overall health and welfare, careful attention was paid to avoid such issues with Alterion.

Repeatable improvement of growth performances

Alterion's stability and ability to timely germinate allows it to be efficiently active on the intestinal level. There, it acts on the intestinal wall, improving the size of microvilli and the absorption of nutrients. *In vivo*, this action leads to an improvement in the feed conversion ratio (FCR -2.5%).



Tangible positive effect on poultry gut health

Once in the animal's gut, Alterion's active agents work on the microbiota by balancing the microbial populations. It thereby helps to mitigate the risks related to bacteria impairing gut health. Thanks to a unique strain, Alterion has made a difference in the probiotics market. It is the natural solution for a truly consistent livestock production. Every bird, every flock, every time.

For more information, please visit our page and contact your sales representative: <http://feedsolutions.adisseo.com/en/products/alterion-probiotic/>