





Riahi, I.¹, Sadurní, M.¹, Trabalón, L.¹, Sattar, A.A.², Jackson, S.K.²

¹Technical Department, BIŌNTE Nutrition, Reus, Spain

²Molendotech Limited, Brixham Laboratory, Blackball Lane, Freshwater Quarry, Brixham TQ5 8BA, UK insaf.riahi@bionte.com

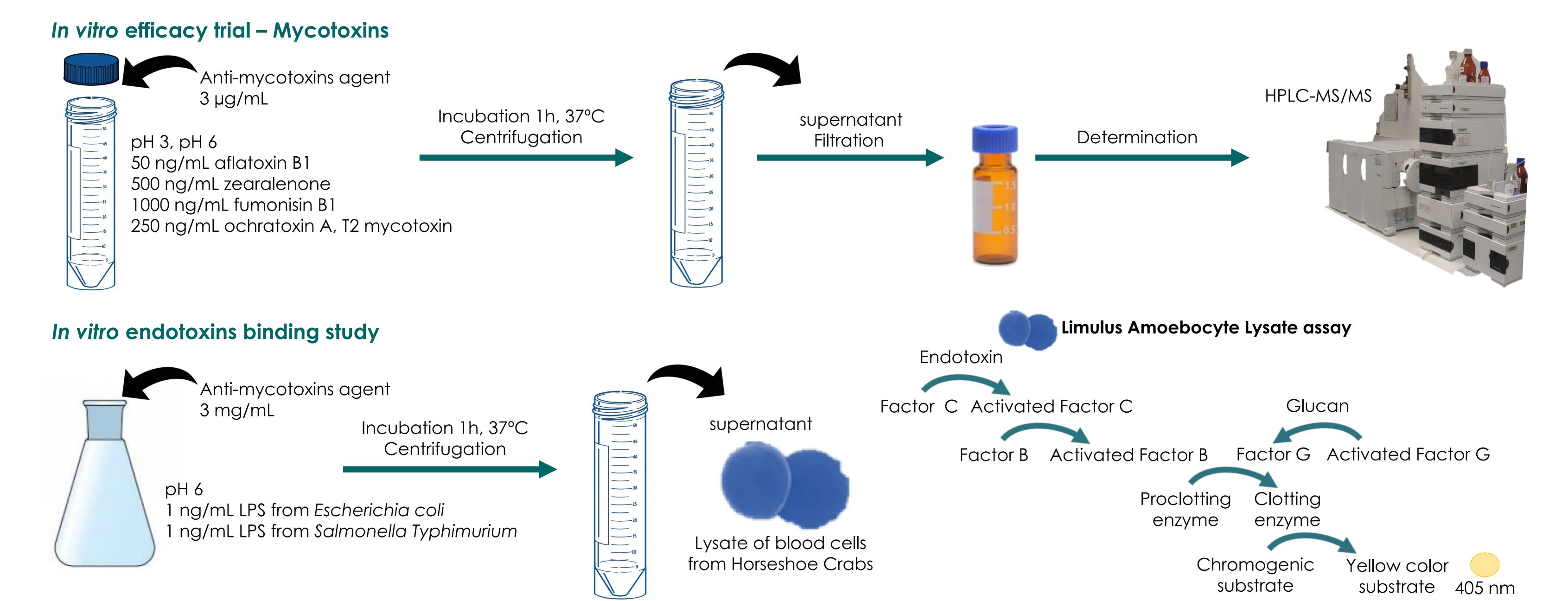
INTRODUCTION

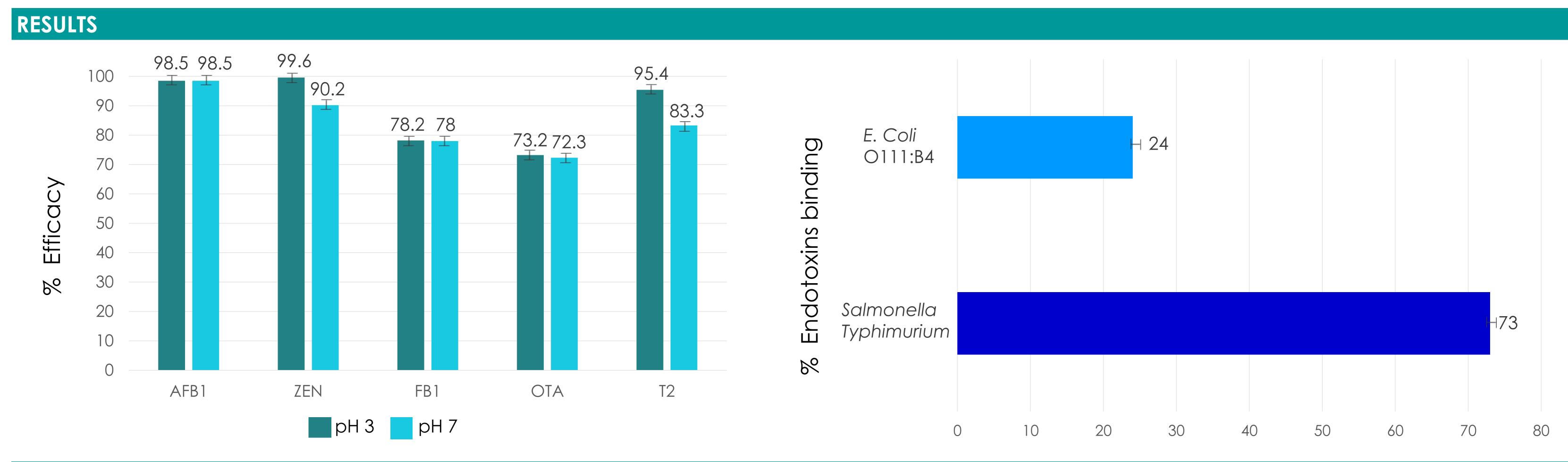
Mycotoxins are secondary metabolites produced by toxigenic fungus that contaminate raw materials and feedstuffs worldwide. They are considered an important risk for animal health. In fact, mycotoxins disrupt the gut barrier, leading to bacterial translocation and subsequent negative effects by the endotoxins (lipopolysaccharides, LPS).

OBJECTIVE

The aim of the present study was to evaluate the *in vitro* efficacy of an anti-mycotoxins agent that contains selected binding material and natural extracts besides an exclusive combination of yeasts, against the most important mycotoxins, and endotoxins from *Escherichia coli* and *Salmonella*.

MATERIALS AND METHODS





CONCLUSIONS

The anti-mycotoxins agent tested in the present study has a **high in vitro efficacy** against a **wide spectrum of mycotoxins**, including T-2 mycotoxin from trichothecenes group, and **endotoxins** from E. coli O111:B4 and Salmonella Typhimurium.









