

SCIENTIFIC OPINION

ADOPTED: 18 October 2016

doi: 10.2903/j.efsa.2016.4615

Safety and efficacy of B-Act[®] (*Bacillus licheniformis* DSM 28710) for chickens for fattening and chickens reared for laying

EFSA Panel on Additives and Products or Substances used in Animal Feed (FEEDAP), Guido Rychen, Gabriele Aquilina, Giovanna Azimonti, Vasileios Bampidis, Maria de Lourdes Bastos, Georges Bories, Andrew Chesson, Pier Sandro Cocconcelli, Gerhard Flachowsky, Jürgen Gropp, Boris Kolar, Maryline Kouba, Secundino Lopez Puente, Marta Lopez-Alonso, Alberto Mantovani, Baltasar Mayo, Fernando Ramos, Roberto Edoardo Villa, Robert John Wallace, Pieter Wester, Rosella Brozzi and Maria Saarela

Abstract

The additive B-Act[®] is a preparation containing viable spores of a strain of *Bacillus licheniformis*. The additive is intended for use in feed for chickens for fattening and chickens reared for laying at the proposed dose of 1.6×10^9 colony-forming unit (CFU)/kg complete feedingstuffs. *B. licheniformis* is considered by EFSA to be suitable for the qualified presumption of safety approach for establishing safety. As the identity of the active agent was established and the lack of toxigenic potential and resistance to antibiotics of human or veterinary clinical significance were demonstrated, the additive is presumed safe for the target species, consumers and the environment. In the absence of data, no conclusion can be drawn on the skin/eye irritation or skin sensitisation potential. The dustiness of the preparations tested indicated a potential for users to be exposed via inhalation. B-Act[®] should be considered to have the potential to be a respiratory sensitiser. B-Act[®] at the recommended dose 1.6×10^9 CFU/kg feed has some potential to improve the feed to gain ratio of chickens for fattening. This conclusion can be extended to chickens reared for laying when used at the same dose. *B. licheniformis* DSM 28710 is compatible with decoquinate, diclazuril, halofuginone, nicarbazin, robenidine hydrochloride, lasalocid A sodium, maduramicin ammonium, monensin sodium, narasin and salinomycin sodium.

© 2016 European Food Safety Authority. *EFSA Journal* published by John Wiley and Sons Ltd on behalf of European Food Safety Authority.

Keywords: zootechnical additive, B-Act[®], *Bacillus licheniformis*, safety, QPS, efficacy, chickens for fattening and reared for laying

Requestor: the European Commission

Question number: EFSA-Q-2015-00346

Correspondence: feedap@efsa.europa.eu

Panel members: Gabriele Aquilina, Giovanna Azimonti, Vasileios Bampidis, Maria De Lourdes Bastos, Georges Bories, Andrew Chesson, Pier Sandro Cocconcelli, Gerhard Flachowsky, Jürgen Gropp, Boris Kolar, Maryline Kouba, Secundino Lopez Puente, Marta Lopez-Alonso, Alberto Mantovani, Baltasar Mayo, Fernando Ramos, Guido Rychen, Maria Saarela, Roberto Edoardo Villa, Robert John Wallace and Pieter Wester.

Acknowledgements: The Panel wishes to thank the following for the support provided to this scientific opinion: the members of the Working Group on Microorganisms, including Ingrid Halle, member of the previous WG on Microorganisms 2012–2015.

Note: The full opinion will be published in accordance with Article 8(6) of Regulation (EC) No 1831/2003 once the decision on confidentiality, in line with Article 18(2) of the Regulation, will be received from the European Commission.

Suggested citation: EFSA Panel on Additives and Products or Substances used in Animal Feed (FEEDAP), Rychen G, Aquilina G, Azimonti G, Bampidis V, de Lourdes Bastos M, Bories G, Chesson A, Cocconcelli PS, Flachowsky G, Gropp J, Kolar B, Kouba M, Lopez Puente S, Lopez-Alonso M, Mantovani A, Mayo B, Ramos F, Villa RE, Wallace RJ, Wester P, Brozzi R and Saarela M, 2016. Scientific opinion on the safety and efficacy of B-Act® (*Bacillus licheniformis* DSM 28710) for chickens for fattening and chickens reared for laying. *EFSA Journal* 2016;14(11):4615, 2 pp. doi:10.2903/j.efsa.2016.4615

ISSN: 1831-4732

© 2016 European Food Safety Authority. *EFSA Journal* published by John Wiley and Sons Ltd on behalf of European Food Safety Authority.

This is an open access article under the terms of the [Creative Commons Attribution-NoDerivs License](https://creativecommons.org/licenses/by-nd/4.0/), which permits use and distribution in any medium, provided the original work is properly cited and no modifications or adaptations are made.



The EFSA Journal is a publication of the European Food Safety Authority, an agency of the European Union.

