Efficacy of Liderfeed® (eugenol) for chickens for fattening

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, Marta López-Alonso,
Alberto Mantovani, Baltasar Mayo, Fernando Ramos, Maria Saarela, Roberto Edoardo Villa,
Robert John Wallace, Pieter Wester, Giovanna Martelli, Derek Renshaw and
Secundino López Puente

Abstract

Liderfeed® is intended to be used as a zootechnical additive (functional group: other zootechnical
additives) in feed of chickens for fattening to increase the performance. The additive contains eugenol
as an active ingredient with some excipients and has not been authorised in the EU for use in food or
feed. In 2015, the EFSA Panel on Additives and Products or Substances used in Animal Feed (FEEDAP)
adopted an opinion on the safety and efficacy of Liderfeed® as a zootechnical additive for chickens for
fattening. In that opinion, the Panel could not conclude on the efficacy of the additive because only
two out of the three efficacy studies considered showed a significant effect on the performance of
chickens for fattening as a result of the supplementation with the additive. The Commission gave the
applicant the possibility of submitting additional information to allow the FEEDAP Panel to complete its
assessment. For this reason, additional data have been provided related to the efficacy of the additive
for the target species and this new information is the subject of this opinion. The new efficacy study
on chickens for fattening is the subject of this assessment; the results of this study indicate an
improvement in performance parameters with the use of the additive at 100 mg/kg complete feed.
Considering the results of the current study, along with the two efficacy studies already assessed in
the previous FEEDAP Panel opinion of 2015, the Panel concludes that Liderfeed® at 100 mg/kg
complete feed has the potential to improve the growth of chickens for fattening.

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Correspondence: feedap@efsaeuropa.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 López Puente, Marta López-Alonso, Alberto Mantovani, Baltasar Mayo, Fernando Ramos, Guido Rychen, Maria Saarela, Roberto Edoardo Villa, Robert John Wallace and Pieter Wester.

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