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仔猪缬氨酸需要量的研究进展

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Valine Requirement of Piglets: A Review

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- 摘要
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摘要 缬氨酸是猪必需氨基酸中的一种支链氨基酸, 具有重要的生物学功能。本文就现有文献中关于缬氨酸结构和生理功能及仔猪缬氨酸需要量的数据进行了综述, 并在此基础上初步归纳总结, 提出仔猪饲料中标准回肠可消化缬氨酸和赖氨酸的比率应为63.0%~64.5%, 其标准回肠可消化缬氨酸需要量尚需进一步评估。

关键词: 仔猪 缬氨酸 需要量

Abstract: Valine is an essential amino acid with branched chain and has important biological functions in swine. In this paper, the structure and physiological functions of valine and the data of valine requirement of piglets in present literatures were reviewed. On the basis of preliminary summary for those data, we proposed that the ratios of standard ileal digestible valine: lysine in piglet diets should be 63.0% to 64.5%, and the valine requirement of standard ileal digestible of piglets need further estimation.

Keywords: piglet, valine, requirement

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