

OFFICE OF THE TEXAS STATE CHEMIST

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Originally Issued: Nov. 21, 2022

FEED INDUSTRY MEMORANDUM NO. 5-32

Definition of *Pichia kudriavzevii* ASCUSDY21 Fermentation Product

OBJECTIVE:

To define *Pichia kudriavzevii* ASCUSDY21 Fermentation Product as an ingredient for the manufacture of feed for dairy cows in the State of Texas.

BACKGROUND:

For the benefit of users and producers of Dairy Cow feed, a mechanism to approve new ingredients has been established. This will allow end-users of approved products to quickly get their product into the marketplace and implement their use than otherwise would be permitted by requiring their approval through customary channels such as AAFCO and/or FDA. The guiding principle of this is that an established science-based need is being fulfilled is outlined in Feed Industry Memorandum 5-21.

POLICY:

Pichia kudriavzevii ASCUSDY21 Fermentation Product as sourced from *Pichia kudriavzevii* ASCUSDY21 is collected from the rumen of a healthy dairy cow. It is a commensal organism to dairy cows, part of the core microbiome to be used as a direct fed microbial in dairy cow feeds. It is a fat-encapsulated *Pichia kudriavzevii* ASCUSDY21 fermentation product. The dried fermentation product is used as an ingredient in a feed supplement that may be either added to the total mixed ration or as a top-dressed premix. It is incorporated into the feed supplement such that it would be added at a minimum recommended level of 1×10^7 CFU/cow/day.

A. Recordkeeping

Record keeping of analytical results per batch for the purposes of monitoring live microbial culture counts expressed on the label shall be maintained and available to the Office of the Texas State Chemist upon request.

B. Labeling and Measurement

The label shall include the ingredient **Dried *Pichia kudriavzevii* fermentation product**, a guarantee for *Pichia kudriavzevii* expressed in CFU/gram and adequate directions for use in accord with the AAFCO Feed Labeling guide, it shall also include the name of the guarantor/distributor, the net quantity of contents, storage information and expiration dating.



Dr. Timothy J. Herrman
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