



CTE GLOBAL, INC.

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June 1, 2017

To whom it may concern,

This is to inform you of the current Generally Recognized as Safe (GRAS) regulatory status of CTE Global Inc's LG Prime enzyme for use in the production of ethanol and co-products of ethanol production (e.g. Distillers Dried Grains with Solubles or DDGS). LG Prime contains glucoamylase (Cas number 9032-08-0) produced by submerged fermentation of a nonpathogenic and nontoxigenic strain of *Aspergillus Niger*. LG Prime is a GRAS substance per 21 CFR 170.30 (a) for the intended uses identified above.

Enzymes are catalysts which, due to the nature of their catalytic role, are used in very small quantities. In fuel ethanol production, the enzymes break down starch into fermentable sugars. Industrial enzymes, such as LG Prime, are processing aids used in the production of fuel ethanol from grains. Enzyme types such as glucoamylases are also used in animal feed and are recognized as safe for that use; however, the harsh conditions during the ethanol production process, especially the high temperatures, low Ph, & lack of substrate during distillation, evaporation (syrup) & drying (dried distiller's grains and solubles) result in enzyme activity levels which are negligible to nil in the co-products. Accordingly, the enzyme is not considered a feed ingredient.

With best regards,

Miriam Zaslavsky
Director of Operations

