

Animal Origin Statement

Date: 07/11/2011

Catalog #'(s): 06409-70

Cole-Parmer certifies that, according to the manufacturer, the product described meets the specifications set forth in this Certificate:

- The manufacturer does not directly add any animal derived ingredients into the raw materials used to manufacture the subject product. All of the raw materials used to manufacture the subject product are manufactured in the United States. Also, the subject tubing product does not come into contact with any animal derived material during the manufacturing process, which includes processing, handling and packaging.
- However, there is a stabilizer raw material ingredient in the subject formulation that contains components produced from intermediates that use bovine material (edible tallow) as a feed stock. The processing conditions used-to produce these tallow derived intermediates includes hydrogenation of the tallow at 2000C and hydrolysis at 2600C and 48 bar pressure for 1.5 to 2 hours. These conditions exceed the European Union recommendation laid down in the 22nd Commission Directive 98/16/EC of 5 March 1998, as annexed to Council Directive 761768/EEC, Regulation (EC) No. 1774/2002 and Directive 2000/6/EC and endorsed by the Scientific Steering Committee (SSC) of the European Commission of hydrolysis of 2000C under an appropriate corresponding pressure for 20 minutes. The tallow derived component suppliers certify that the animal origin is within the United States, Canada and Mexico and its products are Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) free. They have further documented that the production methods of the oils are so robust and rigorous at elevated temperature (minimum processing temperature of 2000 C) that any BSE or TSE that could possibly be in the components would be killed during processing, but the manufacturer has not conducted any testing for these Spongiform. To the best of our knowledge there is no other animal matter used in the production of the subject tubing product.
- The above subject product is also in compliance with the requirements of EMEA/410/01 Rev. 2, since the animal material actually contained does not fall into any of the categories listed in this document.

This certification applies only to the condition of the above-described product in its unopened package. Cole-Parmer cannot and does not assume any responsibility for the failure of the product to meet this document that results from any handling or use subsequent to opening the package.

Cole-Parmer relies upon the information provided by the manufacturer of this product(s), and Cole-Parmer does not assume any responsibility for inaccuracies in the manufacturer's statements.

Cole-Parmer expressly warrants that the product listed above conforms only to the specifications herein, subject to the disclaimers listed above. Except as otherwise set forth in writing by Cole-Parmer, there are no other warranties, express or implied, that apply to this certificate or the subject product(s).

COLE - PARMER

