



Dear Customer:

RE: Lysobac Product Statement

This product statement describes Lysobac, the tradename for product #777LYS016. Lysobac is an enzyme with CAS Number: 9001-63-2 and E.C. 3.2.1.17. The enzyme is also called beta-1,4-N-acetylmuramidase, N,O-diacetylmuramidase. It is an off-white powder and is packaged in multiple sizes.

Animal Free Statement:

InVitria manufactures Lysobac using a completely animal component free manufacturing system. No animal components are used in the manufacture of the product and it is not derived from animal material. Lysobac is an animal component free material.

GRAS Statement:

Lysobac was determined Generally Recognized as Safe (GRAS) for use in foods by a panel of scientific experts. The GRAS determination is attached as an Addendum to this Product Statement. Lysobac was reviewed with respect to background information and biological studies in vitro and in vivo in animals and humans. The sources of information included studies identified through searches of online bibliographic systems, such as PubMed from the National Library of Medicine. Determination of the GRAS status of Lysobac as a food ingredient has been made by a panel of experts qualified by scientific training to evaluate food safety and selected for their expertise in immunology.

Allergen Statement:

Lysobac is derived from *Oryza sativa* (rice). The Lysobac enzyme shares the amino acid sequence of human lysozyme. Lysobac is not derived from milk and is not a known allergen. Lysobac is not derived from a Major Food Allergen, as defined by the Food Allergen Labeling and Consumer Protection Act of 2004.

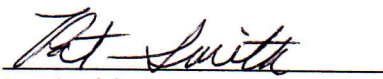
Genetically Modified Organism (GMO) Statement:

Lysobac is an enzyme that is not capable of reproduction and therefore is not a GMO. The enzyme is derived from *Oryza sativa*, which has been made using recombinant technology.

Origin:

Lysobac is manufactured entirely in the United States of America by InVitria at 2718 Industrial Drive, Junction City, KS 66441 and EIN# 68-0310843.

Sincerely,


Pat Smith, Director - Quality

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