

# IDENTIFICATION NOTE FOR PIONEER® BRAND MICROBIAL PRODUCT PDFM FEED GRANULES

## 1.00. Identity of Product

### 1.1.0. Trade Name

Pioneer® PDFM Feed Granules

### 1.2.0. Qualitative and Quantitative Composition

#### 1.2.1. Active Substances

Product contains protected live, naturally occurring strains of *Enterococcus faecium* with a total viable lactic acid bacteria count of  $2 \times 10^{11}$  CFU/kg. The product contains  $1 \times 10^{11}$  CFU/kg of each strain of *Enterococcus faecium*. The inclusion rate of microbial culture concentrate in the finished product does not exceed 12.5g/kg.

#### 1.2.2. Other components

Animal/Vegetable Fat Product	37,500 g/kg
Calcium Carbonate	949.985 g/kg
Vegetable Oil	0.015 g/kg

#### 1.2.3. Impurities

< $1 \times 10^6$  CFU/kg Coliforms  
< $1 \times 10^6$  CFU/kg Yeast  
< $1 \times 10^6$  CFU/kg Molds  
Manufacturing limits for heavy metals <0.5mg/kg (0.5 ppm).

#### 1.2.4. Undesirable Substances

No undesirable substances are present.  
No Salmonella are detected in 25g finished product.

### 1.3.0. Business Name and Address of Manufacturer

USA	EUROPE
Pioneer Hi-Bred International, Inc.	Pioneer Saaten GmbH
Microbial Genetics	Apensener Straße 198
P.O.Box 258, Iowa 50131	21614 Buxtehude
USA	Germany

### 1.4.0. Place of Manufacture

USA: Durant, Iowa USA      Europe: Buxtehude, Germany

### 1.5.0. Business Address of Product Representative in Austria and Central Europe

Pioneer Saaten GmbH  
Pioneerstraße, Industriegelände  
A-7111 Parndorf  
Austria

#### **8.0.0. Attestation**

I William M. Rutherford, Ph.D. Project Manager, Research and Development of Pioneer Hi-Bred International, Inc. Microbial Genetics Division certify that the information in this Identification Note is, to the best of my knowledge and belief, an accurate and complete description of the product **Pioneer® PDFM Feed Granules.**

William M. Rutherford, Ph.D.