

## **PRODUCT DATA SHEET**

# Data sheet for individual feed material of the positive list

ActiProt<sup>®</sup> grain – E 106, E 116, E 126

Sheet: 1 of 2

Version 12, 09.08.2011

Description: PDB ActiProt

Getreide en

Manufacturer	AGRANA Bioethanol GmbH Werk Pischelsdorf, industrial estate, A-3435 Pischelsdorf	
Feed material / product area	ActiProt® grain  mash (5.05.01 of the positive list) 9th edition  QS. Ihr Prüfsyste für Lebensmittel	Suitable for the production of GM-free food Supervised by agroVet GmbH
Product description	A by-product derived from the production of alcohol by means of distilling a mash consisting of one or more of the following compounds: wheat, corn, triticale, barley or other sugar-containing substances. The finished product is made by drying the entire solid residues of the process.	
	Appearance: dark brown pellets Odour, t	taste: characteristic, slightly sour
Information about the production process	The ground seeds are broken down by a combination of heat and enzymatic activity. During the subsequent fermentation process, the sugar released as a result is converted by yeast into alcohol. The alcohol from the fermented pulp is separated off by means of distillation leaving a mash that is evaporated, dried, pelleted and cooled in a series of production steps. The yeast from the fermentation process remains in the finished product.	
Processing agents	Enzymes are used to break down the starch. The fermentation process uses only yeast strains that have not been genetically modified as defined under §4, Z3 GentechnikG, BGBI 510/1994.	
Information on constituents	Bulk density Dry matter Crude protein	approx. 550 g/l min. 88,0 % min. 30,0 %
Average analysis values in relation to fresh weight [g/kg]	Water content Crude protein Crude ash Crude fibre Crude fat Usable XP (nXP-beef) UDP N-balance in the rumen (RNB)  Calcium Potassium Phosphor Magnesium  Lysine Cystine Methionine Threonine Tryptophan  Dairy cow (NEL) Fattening cattle (ME) Pork (ME)  All values indicated are approximate and are sethe actual crude protrein content is listed in the	
Undesirable substances as part of risk-oriented self-monitoring:	Adherence to the applicable limits according to feed material regulation 2010 as amended or EU Directive 2002/32/EG as amended controlled at regular intervals.	

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Information on shelf life, storage and transport:	Cool, dry storage: at least 6 months Delivery form: in bulk (E 106: Pellets, E 116: mealy), BigBag (E 126: 800 kg)	
Application/use	AGRANA produces ActiProt <sup>®</sup> grain in accordance with the latest findings of the feed technology. ActiProt <sup>®</sup> grain is dried indirectly under the best possible conditions and us used as single protein feed.	
Safety instructions	$ActiProt^{\circledR}$ grain is biodegradable and does not require any special safety precautions when handled or in transit.	

Customs tariff number: 2303 3000

QS-ID: 4048473049542 GMP approval: PDV

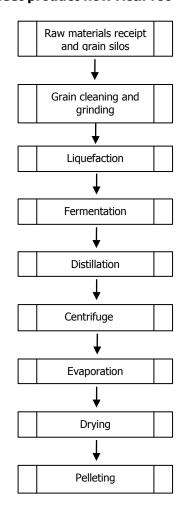
The product conforms to feed regulation 2010, BGBl. II no. 316/00 as amended

All information is based on our analyses and are to be understood as general recommendations and suggestions. We recommend that you test our products for suitability yourself.

### Sales: AGRANA Stärke GmbH

A-1220 Vienna, Donau-City-Straße 9, Tel. +43-1-21177-DW 12843 or 12874, Fax +43-1-21177-DW 12011 Company register court: commercial court Vienna, FN 252477s, UID: ATU 58198337

# Flow sheet product flow ActiProt® grain



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