



Poultry Liver Powder

PRODUCT DESCRIPTION

The Poultry Liver Powder belongs to the animal series of Costantino peptones production. Liver Extract families have been developed by Costantino along the years to optimize the taste and palatability of the final product.

Poultry Liver Powder is the result of the skill of Costantino in the selection of the best optimized Liver protein source in combination with an hydrolysis able to deliver the optimized performance for animal feed ingredients. The Poultry Liver Powder peptone is filtered and concentrated before spray drying to obtain a purified product for these applications. Poultry Liver Powder is so particularly efficient where a strong Liver taste is required to please animal appetite or to mask unpleasant taste. As many Costantino products customization of this product is available for eventual fine tuning of the chemical properties to fit the customers optimal needs.

SUGGESTED USE

Poultry Liver Powder can be used when particular unpleasant tastes need to be masked or to give to pet food a tasty flavour. Another use is in pharmaceutical preparations.

STORAGE & SHELF LIFE

Poultry Liver Powder is hygroscopic and can absorb odors. Temperatures below 30°C, relative humidity below 65%, and odor free environment are recommended.

Avoid direct sunlight.

Expiry date: 3 years from the date of manufacture in the original sealed packaging kept in a dry area, ideally between 8 and 30°C.

PACKAGING

The standard packaging is a 25 kg cardboard box which contains the product within an inner polyethylene liner bag. No staples or metallic fasteners are used:

- Custom packaging available.
- Delivered with Certificate of Analysis.

CERTIFICATIONS



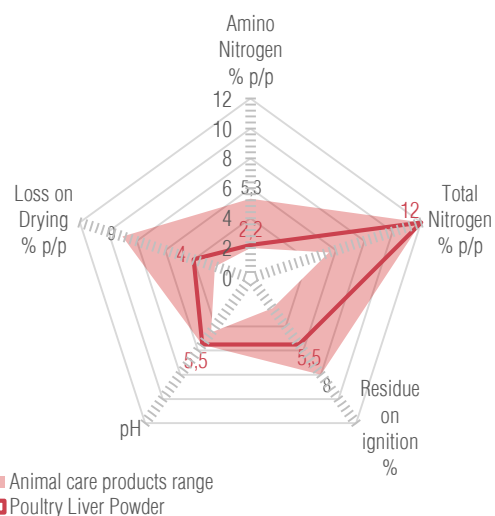
The information contained herein is based on internal testing performed at A.Costantino & C. S.p.A. and is to the best of our knowledge true and accurate at present time. All data represents typical analyses provided as a general guide and not to be taken for exact specifications. No warranty nor any liability, implied or otherwise, is assumed with them. Users are directed to perform their tests to determine suitability and performance for specific purposes.

The information and results contained in this technical data sheet are susceptible to modification at any time, without warning.

TYPICAL PHYSICAL & CHEMICAL PROFILE

Product	TN (w/w)	AN (w/w)	pH
Liver Extract 20 mcg/g B12 Bovine	11 - 13 %	3 - 5 %	4,5 - 6,5
Poultry Liver Powder	10 - 14 %	2 - 2,4 %	4,5 - 6,5

RANGE OF PHYSICAL & CHEMICAL PROFILE



AVAILABLE ON REQUEST

MICROBIOLOGICAL ANALYSIS

Total Bacterial Count	<i>Salmonella</i> spp
Bile-tolerant Gram-negative Bacteria	<i>S.aureus</i>
<i>E. coli</i>	Yeasts and Moulds

AMINOACID PROFILE

HYDROLYSIS PROFILE

Molecular Weights distribution	Average MW
Degree of hydrolysis	

OTHER ANALYSIS

Heavy Metals	Allergens
Carbohydrates	Fat
Salts and Ashes	Solubility