

Datasheet



Pearlpurin® PP

Freshwater Pearl Powder

INCI: Pearl Powder

01 General Specifications and typical characteristics

<u>Specifications</u>		<u>Typical characteristics</u>	
Ninhydrin reaction	positive	Appearance	powder
Nitrogen content	≥ 0.30 %	Colour	white/ ivory
Protein f. 5.47	≥ 1.64 %		
Chitin f. 1.98	≥ 0.59 %	Taste	neutral
pH(1%w/w in demin. water)	8.0 – 10.5	Odour	specific
Loss on drying (110°C) %	max. 2%	Water solubility	no
Microbial count	max.100/g	Particle size	0.5-10µm
		Average particle size	max.3.0µm
		Calcium <%	<40 %
		Pb <	< 0.5 mg/kg
		As <	< 0.5 mg/kg
		Hg <	< 0.1 mg/kg

Amino acid pattern: Aspartic Acid, Threonine, Serine, Glutamic, Proline, Glycine, Cysteine, Alanine, Valine, Methionine, Isoleucine, Leucine, Tyrosine, Phenylalanine, Lysine, Histidine, Arginine, Ornithine.

02 Production process:

1. Selection of suitable pearls
2. Washing / preserving
3. Drying
4. Milling
5. Determination of analytical data
6. Packing

For further information regarding toxicology, product safety and storage please refer to our safety data sheet.

These information are the best of our current knowledge. They do not constitute a warranty and the customer should satisfy itself of the suitability of the content for its own particular purpose