

Technical data sheet

Ascophyllum nodosum

Product description

Trading name	Ascophyllum
Legal name	Algae -Ascophyllum nodosum
Latin name	Ascophyllum nodosum
Nature	Marine Seaweed
Application	Nutraceutical
Regulatory framework	-
CAS	84775-78-0
EINECS	283-907-6
Certifications available	Bio/Organic, Kosher, Halal

Preservation and storage

Shelf life: 2,5 years
Storage conditions: In a clean and dry area out of the light and moisture

Standard packaging en pallet
Packaging: Sack
Weight unit: 25kg
pallet type: 100x120
Max pallet weight: 1000kg

Physicochemical characteristic

Aspect	Powder
Color	Green to Brown
Moisture	Moisture <15,0 %
Proposed particle size	D90 < 2 000 µm D90 < 250 µm D90 < 80 µm

Product specifications

Total ashes	<24 %
Insoluble hydrochloric acid	<3 %

TOXICOLOGICAL CHARACTERISTICS

Regulation (EC) No 1881/2006 and its amendments

Parameters	Value	Unit	Method
Cadmium (Cd)	≤3	mg/kg	ICP OES
Mercury (Hg)	≤ 0,01	mg/kg	Atomic Fluorescence
Lead (pB)	≤3	mg/kg	ICP OES
Sum of 4 PAHs	≤ 50	µg/kg	GC-MS
Benzo(a)pyrene	≤ 10	µg/kg	GC-MS

MICROBIOLOGICAL CHARACTERISTICS

European Pharmacopoeia - category B

Parameters	Value	Unit	Method
Total micro organisms (DGAT)	≤ 10 000 (Tolerance ≤ 50 000)	UFC/g	NF EN ISO 4833-1
Yeast & Mold (DMLT)	≤ 100 (Tolerance ≤ 500)	UFC/g	NF V 08-059
Enterobacteria	≤ 100	UFC/g	NF V 08-054
Staphylococcus coagulase +	Abs	UFC/g	Internal method NF EN ISO 6888-2
E.coli	Abs	UFC/g	Internal method according to NF ISO 16649-2
Salmonella	Abs	UFC/25g	BRD 07/11-12/05

The above product specification is proved to the best of our knowledge and reserves the right to change the specification, without prior notice, according to the variation of the regulations in force, which may come to make variations on the raw material. Color changes may occur due to being a natural product. Store hermetically away from light, moisture and heat. Keep it in a dry and airy place. Validity will be reconsidered if the product is handled or stored in inappropriate locations. Dosage follows according to the customer's needs. If applicable, see the additional information field.