

DATA SPECIFICATIONS

Norbixin Watersoluble

Ingredient



Product description

Norbixin Watersoluble is a brown powder, obtained from the Annatto seed (Bixa Orellana). It is produced using a water-alkaline method of extraction followed by neutralization with inorganic acid. Then it is diluted and spray-dried. Soluble in water.

Application

This product is primarily designed for use in products with low pH such as fruit fillings, salad dressings, dessert products, fruit juice drinks, beverages, etc. This product is also commonly used in systems with pHs greater than 4.

Packing Details, Shelf-life and storage

25kg net weight; 6 months from date of manufacture; Protect from direct exposure to light and heat. Store in a cool, dry and ventilated area between 5 - 15°C.

Sensory

Yellowish-orange color depending on the product and quantity used.

Country of Origin

Peru

PHYSICAL AND CHEMICAL STANDARDS

Total Carotenoids	10 - 20%
pH (1% aqueous solution)	> 9%
Density	0.35 - 0.45 kg/
Moisture	< 10%

HEAVY METALS

Arsenic	< 1ppm
Lead	< 2ppm
Mercury	< 1ppm
Cadmium	< 1ppm
Total Heavy Metals	< 10ppm

MICROBIOLOGICAL STANDARDS

Total Viable Count	< 1000 cfu/g
Yeasts	< 100 cfu/g
Moulds	< 100 cfu/g
E.Coli	< 3nmp/g
Salmonella	absent in 25g

LIST OF ALLERGEN

Allergen	According to recipe included		In traces possible (cross-contamination)	
	no	yes	no	yes
cereals (gluten)	x		x	
crustaceans	x		x	
egg	x		x	
fish	x		x	
peanut	x		x	
soya	x		x	
milk	x		x	
nuts	x		x	
celery	x		x	
mustard	x		x	
sesame	x		x	
sulphur dioxide & sulphate	x		x	
lupin	x		x	
molluscs	x		x	

Legal information and Certificates

The product complies with the requirements of German food law and EC regulations.

IFS, ISO22000:2011, ISO22000:2005, ISO22002-1:2009, FSSC22000, ISO9001:2008, Halal, Kosher, NON-GMO of SGS, HCCP

The specification is valid until revoked and replaced all previous issues.