



Product range:

SPRINGALINE® DRIED FOOD YEAST

Springaline® BA95 / 0 – PW

Powder

DESCRIPTION

Springaline® BA95 / 0 is a primary dried yeast obtained by spray-drying of *Saccharomyces cerevisiae*, especially grown on a molasses based media and **naturally rich in glutathione**.

LABELLING

Yeast or dried yeast.

APPLICATIONS

High quality source of proteins, peptides, vitamins and essential elements.

MICROBIOLOGICAL CHARACTERISTICS

Colour of commercial product

Light beige

Composition
in g per 100 g of product as is

Dry matter	Max.	94.0
Total nitrogen (Kjeldahl method)	8.4	- 10.0
pH (10% solution)	5.8	- 6.6
Proteins (Nitrogen x 6.25)	53.0	- 62.5
Glutathione	2.4	- 3.0
Total carbohydrates (anthrone)	38.0	- 46.0
Including the carbohydrates of cell walls		
Ash	4.0	- 8.0
Lipids (extraction)	4.0	- 8.0
Total caloric value	1289 Kj (320 kcal)	

MICROBIOLOGICAL CHARACTERISTICS

per g of product

Total plate count (AFNOR V08-011)	Max.	5 000
Coliforms (AFNOR V08-016)	Max.	10
Spores of Clostridium perfringens (AFNOR V08-056)	Max.	10
Yeasts (AFNOR V08-022)	Max.	100
Moulds (AFNOR V08-022)	Max.	100
Salmonella (per 25 g) (AFNOR V08-052)	Negative	
E.coli (AFNOR NFT 90413)	Negative	
Staphylococcus aureus (AFNOR V08-057)	Negative	

(Guaranteed values are listed in bold; other values are given for indication only)



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AVERAGE VITAMIN COMPOSITION

*in mg per kg of product (ppm)
(dry matter)*

B1 (Thiamine)	400	-	600
B2 (Riboflavin)	40	-	60
B5 (Calcium Pantothenate)	50	-	170
B6 (Pyridoxine)	20	-	50
B9 (Folic acid)	20	-	40
B12 (Cyanocobalamine) ($\mu\text{g/kg}$)	2	-	5
Choline	3000	-	5000
PP (Niacin)	160	-	320

MINERALS

in g per kg of product

Sodium	0.2	-	0.8
Potassium	20.0	-	30.0
Phosphorus	10.0	-	16.0
Magnesium	1.0	-	3.0
Calcium	1.0	-	2.0
Copper (ppm)	1.0	-	7.0
Zinc (ppm)	40.0	-	100.0
Iron (ppm)	30.0	-	70.0
Manganese (ppm)	5.0	-	15.0

HEAVY METALS

in mg per kg of product (ppm)

Arsenic	Max.	0.5
Cadmium	Max.	0.1
Mercury	Max.	0.05
Lead	Max.	0.2

PACKAGING

25 kg (55 lbs) sealed paper bags with polyethylene liner.

PALLET

30 units, 750 kg (1 650 lbs).
(Please contact your sales representative for any other packaging)

SHELF LIFE & STORAGE

3 years in their original packaging, stored in a cool and dry place protected from direct sunlight.

*The information contained in this data sheet is accurate to the best of our knowledge at the indicated date and remains our property.
It is the user's responsibility to ensure that the conditions and possible uses of the product conform in particular to current laws and regulations.*