



## PRODUCT SPECIFICATION

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Version 3

**Product name:**

**INACTIVE DRY BREWER'S YEAST**

**Purpose:**

**Food grade**

**Description:**

Inactive dry brewer's yeast is produced from liquid brewer's yeast grown on *Saccharomyces* species.

Inactive dry brewer's yeast is a natural source of protein enriched with B vitamins and trace elements.

**Appearance:**

It is friable, not stacked into big granules, powder or small pills. Colour – beige, smell and taste – characterized for the product, without outside smell and taste.

Particle size - 100% through No. 14 mesh.

**Specification:**

Protein content: - > 45,0 ( $\pm 2$ )%  
Moisture content: -  $\leq$  8,0 %  
Ash content: - < 7,0 %  
Fat content: - approx. 2,0 %

**Vitamins:**

Thiamine (B<sub>1</sub>) content: - 3,45 - 10,00 mg/100g  
Riboflavin (B<sub>2</sub>) content: - 0,65 - 4,00 mg/100g  
Nicotinic acid (B<sub>3</sub>) content: - 13,0 - 40,00 mg/100g  
Pantothenic acid (B<sub>5</sub>) content: - 10,80 - 18,00 mg/100 g  
Pyridoxine (B<sub>6</sub>) content: - 0,50 - 1,53 mg/100g  
Biotin (B<sub>7</sub>) content: - 0,140 - 0,142 mg/100g  
Folic acid (B<sub>9</sub>) content: - 2,00 - 3,17 mg/100g

**Amino acids (approx.)**

Lysine - 27,63 g/kg  
Methionine - 9,83 g/kg  
Threonine - 20,21 g/kg  
Leucine - 27,51 g/kg  
Isoleucine - 18,45 g/kg  
Valine - 23,77 g/kg  
Histidine - 13,72 g/kg  
Arginine - 23,42 g/kg  
Serine - 22,69 g/kg  
Alanine - 25,81 g/kg  
Phenylalanine - 17,72 g/kg  
Tyrosine - 15,47 g/kg  
Glycine - 21,37 g/kg  
Aspartic acid - 39,75 g/kg  
Glutamic acid - 69,37 g/kg  
Proline - 32,37 g/kg

**Microbiological specification:**

Total plate count: -  $\leq 1,0 \times 10^3$  cfu/g  
Escherichia coli: - <  $1,0 \times 10^1$  cfu/g  
Staphylococcus aureus: - <  $1,0 \times 10^2$  cfu/g  
Clostridium perfringens: - <  $1,0 \times 10^1$  cfu/g  
Coliforms: - 0 cfu/g



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	Yeast and mould:	- $\leq 1,0 \times 10^2$ cfu/g
	Salmonella	- negative /25 g
<b><u>Contaminants:</u></b>	Lead content (Pb)	- less than 3,0 mg/kg
	Cadmium content (Cd)	- less than 1,0 mg/kg
	Merkury content (Hg)	- less than 0,1 mg/kg
<b><u>Radioactivity information:</u></b>	Cesium (sum of Cs-134 and Cs-137)	- less than 12500 Bq/kg
	Sum of strontium isotopes (Sr-90)	- less than 7500 Bq/kg
<b><u>Allergen information:</u></b>	May contain <b>gluten</b>	
<b><u>GMO information:</u></b>	The product does not contain or consist of GMOs and is not produced from or contain ingredients produced from GMOs as defined in the Regulations EC No. 1829/2003 and 1830/2003.	
<b><u>Shelf life:</u></b>	24 month after production date in sealed package.	
<b><u>Storage recommendations:</u></b>	Store in dry place, not more than 75% relative humidity.	
<b><u>Packaging:</u></b>	5,0 kg paper bags with PE inner liner; 10,0 kg paper bags with PE inner liner; 25,0 kg paper bags with PE inner liner; 1000,0 PP big bags.	

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