



**PRODUCT SPECIFICATION**  
**Inactive dry brewer's yeast (food grade)**

**HACCP**

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**Version 2**

<b><u>Description:</u></b>	Inactive dry brewer's yeast is produced from the liquid brewer's yeast grown on Saccharomyces species.
<b><u>Appearance:</u></b>	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.
<b><u>Specifications:</u></b>	Protein content: - > 45,0 (±2)% Moisture content: - ≤ 8,0 % Ash content: - < 7,0 % Fat content: - approx. 2,0 % pH - 4,0 - 6,1 Particle size: - 100% through No. 14 mesh
<b><u>Vitamins:</u></b>	Nicotinic acid (B <sub>3</sub> ) content: - 13,0 - 40,00 mg/100g Pyridoxine (B <sub>6</sub> ) content: - 0,50 - 1,53 mg/100g Thiamine (B <sub>1</sub> ) content: - 3,45 - 10,00 mg/100g Folic acid (B <sub>9</sub> ) content: - 2,00 - 3,17 mg/100g Pantothenic acid (B <sub>5</sub> ) content: - 10,80 - 18,00 mg/100 g Riboflavin (B <sub>2</sub> ) content: - 0,65 - 4,00 mg/100g Biotin (B <sub>7</sub> ) content: - 0,140 - 0,142 mg/100g
<b><u>Amino acids (approx.)</u></b>	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
<b><u>Microbiological specification:</u></b>	Total plate count: - ≤ 1,0 x10 <sup>3</sup> cfu/g Escherichia coli: - < 1,0 x10 <sup>1</sup> cfu/g Staphylococcus aureus: - < 1,0 x 10 <sup>2</sup> cfu/g Clostridium perfringens - < 1,0 x 10 <sup>1</sup> cfu/g Coliforms: - < 0 cfu/g Yeast and mould: - ≤ 1,0 x10 <sup>2</sup> 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



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Arsenic content (As) - less than 1,0 mg/kg  
Merkury content (Hg) - less than 0,1 mg/kg

**Radiology specification:** Sum of Cs 137 and Cs 134 - less than 100 Bq/kg

**Packaging:** 25 kg paper bags with polymeric lining;  
1000 kg polypropylene bag.

**Shelf life:** 24 months

**GMO information:** 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.

**Storage recommendations:** Store in dry place, not more than 75% relative humidity.

Date of issue: 2021-01-21