



SPECIFICA TECNICA

Prodotto **INULINA 90%**

NOME INCI Inulin
NOME INCI USA Inulin
CAS 9005-80-5
EINECS / ELINCS 232-684-3

| SPECIFICA | METODO | Lim. Inf. - Lim. Sup. | u.m. |
|------------------------|--------------------|------------------------------|-------------|
| Materia secca | QIQC04WIDOC2 11 | 95,00 - 97,00 | % |
| Ceneri s.s. | QIQC04WIDOC2 05 | <=0,30 | % |
| Carboidrati s.s. | calcolato | 99,7 - 100,0 | % |
| Zuccheri liberi s.s. | QIQC04WIDOC2 12 | <=10,0 | % |
| Fibre s.s. | calcolato | 90,0 - 100,0 | |
| Conta batterica totale | ISO 4833 | <=1.000 | CFU/g |
| Lieviti | ISO 7954 | <=20 | CFU/g |
| Muffe | ISO 7954 | <=20 | CFU/g |
| Coliformi | ISO 4832 | assenti | |
| Revisione Capitolato | | 0 | |
| Data Approvazione | | 11/07/2011 | |



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| Altri dati | Valore tipico | |
|---------------------------------------|---------------|------|
| pH (30% in water) | ~ 6.0 | |
| Average DP (degree of polymerisation) | ~ 10 | |
| Density | 0,5 – 0,7 | Kg/l |
| Dispersibility | max. 1 | % |
| Wetability | 1 | sec. |
| Solubility 20°C | >= 100 | g/l |
| Protein | ND | |
| Fatty acid | ND | |
| Particle size: | | |
| < 50 µ | 0 – 5 | % |
| < 100 µ | 15 – 55 | % |
| < 160 µ | 70 – 100 | % |
| < 250 µ | 90 – 100 | % |
| < 500 µ | 96 – 100 | % |

| NUTRITIONAL LABELLING (g/100g commercial product) | | |
|---|--------------------------------|-----------|
| Carbohydrate | 8 (96 including dietary fibre) | |
| Sugars | 8 | |
| Dietary fiber (calculation) | 88 | |
| Protein | ND | |
| Fat | ND | |
| Caloric value | 208 | kCal/100g |
| Caloric value | 869 | kJ/100g |
| Vitamins & minerals | Negligible | |

| MACRO & OLIGO ELEMENTS: | Typical | |
|-------------------------|---------|-----|
| Sodium | 500 | ppm |
| Potassium | < 10 | ppm |
| Calcium | 50 | ppm |
| Magnesium | < 10 | ppm |
| Phosphorous | < 10 | ppm |
| Chloride | 50 | ppm |
| Copper | < 0,50 | ppm |
| Chromium | < 0,10 | ppm |
| Manganese | < 0,20 | ppm |
| Selenium | < 0,20 | ppm |
| Zinc | < 1 | ppm |
| Iron | < 10 | ppm |

| MYCOTOXINS | Typical | |
|------------------------|---------|-----|
| Aflatoxins B1+B2+G1+G2 | < 0,1 | ppb |
| Aflatoxins B1 | < 0,1 | ppb |
| Aflatoxins B2 | < 0,1 | ppb |



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| | | |
|---------------|-------|-----|
| Aflatoxins G1 | < 0,1 | ppb |
| Aflatoxins G2 | < 0,1 | ppb |
| Ochrotoxins A | < 0,5 | ppb |
| Patuline | < 5 | ppb |

| HEAVY METALS | Typical | |
|---------------------|----------------|-----|
| Arsenic | < 0,10 | ppm |
| Cadmium | < 0,01 | ppm |
| Mercury | < 0,01 | ppm |
| Lead | < 0,05 | ppm |
| Pb+Cd+Hg+As | < 0,5 | ppm |
| Tin | < 0,20 | ppm |

Labelling – Ingredient list Inulin

STORAGE CONDITION: keep in dry place, (ma. 30 °C and 60 % HR), in original sealed bag.

GMO Not containing GMOs or GMO-derived components. Not produced using GMO-based technology (Reg. 1829/2003, 1830/2003/EC).

IRRADIATION Not irradiated (Dir. 2/1999/Ec & 3/1999/Ec not applicable).

STATEMENT AS

FOOD INGREDIENT

This product is issued from chicory roots and is manufactured in accordance with European and National Legislation and conform to the general guidelines for a HACCP system.

Inulin from chicory and oligofructose obtained by enzymatic hydrolysis from inulin are legally classified as 'food' or 'food ingredient', and not as 'food additives'.



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DIRECTIVE 2003/89 REGARDING INDICATION OF THE INGREDIENTS PRESENT IN FOODSTUFFS, AS AMENDED BY DIRECTIVES 2005/26/EC AND 2006/142/EC.

The product do not contain any of the following allergens:

- Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof
- Peanuts and products thereof
- Soybeans and products thereof
- Milk and products thereof (incl. lactose)
- Nuts i.e Almond, Hazelnut, Walnut, Cashew, Pecan-nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nuts and products there of
- Celery and products there of
- Mustard and products there of
- Sesame seeds and product there of
- Sulphur dioxide and sulphited at concentration of more than 10 mg/l or 10 mg/kg expressed as SQ.
- Lupin end products thereof
- Molluscs and products thereof

There is no obligation for any extra labeling as foreseen under Directive 2003/89/CE. The product is labelled in full compliance with the new labeling directive.