

# 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		1	
Data Approvazione		20/11/2015	

Gli eventuali metodi d'analisi non riportati sono metodi interni del produttore ottenibili su specifica richiesta

Le informazioni sopra riportate non Vi sollevano dall'obbligo di identificare il prodotto prima dell'impiego. La nostra società non si assume alcuna responsabilità per danni a persone o cose derivanti dall'impiego dei prodotti da noi commercializzati

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Altri dati	Valore tipico	
pH (30% in water)	~ 6.0	
Average DP (degree of polymerisation)	~ 10	
Density	Ca. 0,55	Kg/l
Dispersibility	max. 1	%
Wetability	1	sec.
Solubility 20°C	>= 100	g/l
Protein	ND	
Fatty acid	ND	
Particle size:	< 500 µm	

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	< 0,04	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'.

## ORIGIN STATEMENT

With this document, we certifies to the best of our knowledge and belief that the following ingredients:  
Iniline 90% is made from chicories roots (Cichorium intybus L.) harvested in Belgium and North of France. This product do not contain any ingredient of animal origin and are manufactured without the use of any processing aids of animal origin.

## BSE/TSE STATEMENT

We certifie that the only raw material used to produce the Inuline 90% is chicory roots (Cichorium intybus). These products do not contain any ingredients derived from animals which are at risk of having BSE/ TSE, and have not been mixed or co-mingled with material at risk of having BSE/TSE.

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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 SO<sub>2</sub>.
- 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.

## Declaration of compliance for materials and articles intended to come in contact with food

“Materials and Articles in contact with Food (England) Regulations 2010 N°2225).

Sacks with PE liner are in accordance with DI 82/711/EC and modifications published in DI 93/8/EC and DI 97/48/CE.

They are also in accordance with DI 2002/72/CE (and modifications in DI 2004/1/EC, DI 2004/19/EC, DI 2005/79/EC, DI 2007/19/EC, DI 2008/39/CE and RE 975/2009/EC)

The bags are in accordance with RE 2011/10/EC (and modifications in DI 1183/2012/CE).

We do not use substances for which restrictions are set as referred to point (6) and (7) of Annex IV according to regulation (EU) No 10/2011.

The sacks comply with Code of Federal Regulations, Title 21, § 177.1520 “Olefin Polymers” Food and Drug Administration (FDA) from 01-04-1996.

Sacs do not contain Bisphenol A and other phthalates : DEHP ( Di 2 ethylhexyl), DINP ( diisononyl phthalate), Butyl Benzyl Phthalate (BBP), Di-n-Butyl Phthalate (DBP), Di-N-Octyl Phthalate (DNOP), Di- Isodecyl Phthalate ( DIDP) ; BADGE (bisphenol A diglycidyl ether); BFDGE and NOG, nor are these elements used in any step of the production process (RE 1895/2005/EC).

Also sacs do not contain nano particles, nor are these elements used in any step of the production process.

Packaging material does not contain SVHCs (Substances of Very High Concern) in a concentration exceeding 0.1% (w/w), nor are these substances used in any step of the production process (RE 1907/2006/EC “Reach”).

Sacs do not contain PVC as part of it's composition.

Sacks are GMO-free and do not contain allergens.

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No materials or substances containing Anthraquinone (AQ) are used during production of Pulp and consequently all paper grades.

All inks and varnishes used for the printing of paper sacks are water based and supplied by Sun Chemical. We do not use UV inks and varnishes. Our supplier of these water based inks has confirmed to us they do not contain benzophenon or 4-methylbenzopenon.

The sacs are manufactured in compliance with good manufacturing practice (CE regulation 2023/2006) so that, under normal or foreseeable conditions of use, they are sufficiently inert to preclude substances from being transferred to food in quantities large enough to endanger human health or to bring about an unacceptable change in the composition of the food or deterioration in its organoleptic properties.

The bags are suited for containing dry, moist and fatty foodstuffs.

We hereby certify that all packaging are made according to the European directive 94/62/EC (and modifications in DI 2004/12/EC , DI 2005/20/EC, RE 1882/2003/EC and RE 219/2009/EC) on packaging and packaging waste and the derived European Standard prEN 13427:2004 (Packaging – requirements for the use of European Standards in the field of packaging and packaging waste), including : heavy metal content : the sum of the concentration levels of the elements lead, mercury, cadmium and hexavalent chromium does not exceed the limit of 100 ppm as a typical value.

Empty bags can be stored for 1 year in a aerated location (30% - 70% RH), not exposed to extreme temperatures or direct sunlight (5 -40 °C).

The surface – volume ratio is around 20 m<sup>2</sup>/m<sup>3</sup>.

The sacks and pallets are marked with a batch number to guarantee traceability.

The diverse BGA and FDA certificates from suppliers of the used raw materials are in our possession and can always be transmitted upon request.

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