



## Specification

Concerning Product:	
Article number	9005805DL95
Trade name / designation / denomination	Inulin 95% ex Chicory
CAS number	9005-80-5
Other names / synonyms	•Inulin;
EC number	232-684-3
Customs tariff number / CN code / TARIC	11082000

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Colour	white	
Flavor and taste	neutral or slightly sweet	
<b>Physical parameter</b>		
Form	granular powder	
pH value	(30% in H <sub>2</sub> O): ~6,0	
Bulk density	~ 0,55	g/ml
Solubility	(t <sub>0</sub> , 20°C): ≤ 100,0	g/l
<b>Identity</b>		
Assay	(o.d.b.)* ≥ 95,0	%
Assay	Inuline, dietary fibre: ≥ 90,0	%
<b>Impurities</b>		
Residue on ignition	≤ 0,2	%
Related substances	free fructose, glucose, sucrose: ≤ 10,0	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 0,03	ppm
Cadmium (Cd)	≤ 0,01	ppm
Mercury (Hg)	≤ 0,01	ppm
Lead (Pb)	≤ 0,02	ppm

<b>Nutritional data</b>		
Carbohydrates	≥ 99,8	g/100g
<b>Microbiological data</b>		
Escherichia Coli.	neg. in 1 g	
Salmonella	neg. in 100 g	
Staphylococcus Aureus	neg. in 1 g	
Total Plate Count	(mesophilic): ≤ 1000	CFU/g
Total Plate Count	(thermophilic): ≤ 2000	CFU/g
Yeast and Mould	≤ 40	CFU/g
<b>Particle size distribution</b>		
Particles	< 500 µm ≤ 100	%

**Annotation:**

o.d.b. = on dried basis / auf getrockneter Basis

**Regulatory information:**

**Allergens statement:** Allergen free

**Supplemental information:**

**Shelf life:** 4 years

**Note:** Average degree of polymerization: ~ 10,0

Dispersibility: ≤ 1,0 %

Heat stable; at a pH value of < 3.5 the risk of hydrolysis increases significant

**Packing:** Multilayer paper bags with blue PE bags inside, 20kg/Drum. Store at a dry place with a temperature of ≤ 30°C and a relative humidity of ≤ 60 %.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 27. Jan. 2020

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