



# LetCo

LIQUID ENERGY TRADING COMPANY SWISS S.A.

## Chicory Inulin and Oligofructose

(Product code LQS-B34Ben)

**“Chicory Inulin and Oligofructose”** is a non-refined product obtained from the inulin extraction from the chicory root. It contains fructose, glucose, sucrose and chicory inulin and oligofructose as well as chicory non sugar compounds.

Consistency: a dark brown syrup.

### Chicory Inulin and Oligofructose

is a mixture of oligo- and polysaccharides which are composed of fructose units linked together by  $\beta(2-1)$  linkages.

### TYPICAL VALUES (expressed in % dry matter)

pH (at 30 – 50 Bx)	5
Fructose	34
Glucose	10
Sucrose	14
Inulin + oligofructose	12
Crude ash	10
Crude proteins	12.5
Organic acids	4
Residual chicory compounds (pectic substances, polyphenols, bitter substances)	3.5

### SPECIFICATIONS

#### Composition - Ingredients Microbiology

Dry Matter (%)	73.5 – 76
Brix	73 – 75
Carbohydrate content (%d.m.)	63 – 75
Inulin + oligofructose (%d.m.)	5 – 17
Glucose + Fructose + Sucrose (%d.m.)	50 – max. 70

#### Microbiology

Yeast + Moulds	max. 10 000 /g
Enterobacteriaceae	max. 100 cfu /g
Salmonella	Absent in 25 g

#### Heavy Metals

Pb, As	< 1 mg/kg
Cd, Hg	< 0.05 mg/kg

## INFORMATION

Aspect	Dark brown, possibly slightly turbid syrup
Taste	Sweet, bitter
Sweetening power	55 % compared to sucrose
Solubility in Water	fair
Density	approx. 1.39 kg/l (20°C, 75%d.m.)
Viscosity	ca 2000 mPa.s (20°C)
Safety	Safe. Not toxic. Not dangerous.
Packaging	Bulk, containers or drums (see packaging sheet)
Storage conditions	In a cool and dry place, in its original airtight packaging
Shelf Life	See "best before date" on packaging (3 months)
Transport conditions	According to document 'Transport Conditions'
GMO	Not containing GMOs or GMO-derived components. Not produced using GMO-based technology.
Important remark	In line with European legislation, the product must NOT be used as a sweetener or taste enhancer in human foodstuffs.

Specifications might be subject to change without notice.

### Liability

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