

Product specification

HydroBEEF™ Item No.: 41300-105 (330)

Description	fresh, meaty beef bones	approved for human	manufactured from 100 % natural consumption. A beef product anical and termal treatment.
Ingredients	Beef protein		
Application area	Nutrition		
Raw material origin	EU - Beef		
Manufactured in	SE		
Appearance			
	Particle size	Fine powder	
	Colour	Pale cream	
	Flavour	Neutral	
	Bulk density	<0.45 g/cm3	
Nutrition (typical values)			Method
	Protein (N x 6,25)	95-99 %	NMKL 6
	Fat (total)	1-3 %	Bromnaphtalin
	- Saturated fat	0.9 %	Calculated
	- Mono-unsaturated fat	1 %	Calculated
	- Polyunsaturated fat	0.1 %	Calculated
	Moisture	2-6 %	NMKL 23
	Carbohydrates	< 1 %	Calculated
	Ash	1-3 %	NMKL 173
	Salt (total)	1-3 %	NMKL 178
	рН	6-7	
	Dietary fibre	< 1 %	Calculated
	Phosphate (natural occurrence)	< 1 %	Calculated
	Collagen	78-84 %	Calculated
Energy in 100 g	1750 kJ / 410 kcal		
Microbiology			Method
	TPC	< 10,000 CFU/g	NMKL 86
	Salmonella in 375 g	negative	A-Bax
	E. coli in 1 g	negative	ISO 7251
	Coliforms in 1 g	negative	ISO 4831
	Sulphite-red. clostridia	< 100 CFU/g	NMKL 56
	Mould & yeast	< 50 CFU/g	NMKL 98
	Bacillus cereus	< 100 CFU/g	DS/ISO 7932
	Enterobacteriacea	< 10 CFU/g	NMKL 144
	Staph. aureus in 25 g	negative	NMKL 66 Mod.
	Listeria monocytogenes	< 100 CFU/g	ISO 11290-2



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Production and packaging	De de eiro	Miletan adade and Pandananahan
	Packaging	White polythene-lined paper bag
	Unit weight	25 kg
	Pallet type	One-way wooden pallet 120x80 cm, heat-treated
	Storage condition	Ambient temperature (5-28°C) and dry condition
	Shelf life unopened	36 months
	Pallet weight	600 kg
Statements		
	Safety and handling	A material safety data sheet is available upon request
	GMO statement	The product does not contain or consist of GMO's and is not produced from GMO according to the definition of Regulation (EC) No. 1829/2003 and 1830/2003.
	Legislation	The product has been manufactured in accordance with and meets all current relevant EU- and Swedish legislation.
	BSE	A statement is available upon request.
Amino acid profile (typical values – g/100 g product)		
	Alanine	8.8
	Arginine	7.5
	Aspartic acid	6.0
	Cystine + cystein	< 0.1
	Glutamic acid	11
	Glycine	20
	Histidine	1.1
	Hydroxyproline	10.2
	Isoleucine	1.7
	Leucine	3.7
	Lysine	3.8
	Methionine	0.9
	Phenylalanine	2.3
	Proline	12
	Serine	3.4
	Threonine	2.1
	Tryptophane	0.36
	Tyrosine	1.3
	Valine	3.0
Minerals (typical values)		
	Calcium (Ca)	< 5 mg/100 g
	Iron (Fe)	< 5 mg/100 g
	Magnesium (Mg)	< 5 mg/100 g
	Phosphorus (P)	29 mg/100 g
	Potassium (K)	250 mg/100 g
	Sodium (Na)	0.7 g/100g



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Heavy metals	(typical	values)
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Arsenic (As)	< 0.05 mg/kg
Cadmium (Cd)	< 0.01 mg/kg
Chromium (Cr)	< 0.05 mg/kg
Copper (Cu)	< 1 mg/kg
Lead (Pb)	< 0.02 mg/kg
Mercury (Hg)	< 0.02 mg/kg
Zinc (Zn)	< 1 mg/kg

Allergens				
	Yes	No	Yes	No
Peanuts and products thereof		Х	Eggs and products thereof	Х
Soybeans and products thereof		Х	Cereals containing gluten * and products thereof	Х
Fish and products thereof		Х	Shellfish and products thereof	Х
Crustaceans/molluscs and products hereof		Χ	Nuts ** and products thereof	Х
Sulphur dioxide and sulphites		Χ	Sesame and products thereof	Χ
Celery and products thereof		Х	Lupin and products thereof	Х
Mustard and products thereof		Χ	Cow's milk protein and products thereof	Х

* Cereals	including wheat, rye, barley, oats, spelt, kumat

^{**} Nuts including almond, hazelnut, walnut, cashew, pecan, brazil, pistachio, macadamia

Intolerance data					
	Yes	No		Yes	No
Rye		Χ	Beef	Χ	
Pork		Х	Chicken/turkey		Χ
Maize and products thereof		Х	Cocoa and products thereof		Χ
Yeast		Χ	Carrot		Χ
Benzoic acid/parabens (E210-E219)		Х	Legumes/pulses		Χ
Glutamate added		Χ	Azo dyes		Χ
Taetrazine (E102)		Х	Cinnamon		Χ
Vanillin		Х	Coriander		Χ
Umbelliferae		Х	Suitable for ovo-lacto vegetarians		Χ
Suitable for vegans		Χ	Suitable for coeliacs	Х	
Kosher-certified		Χ	Halal-certified	Х	

Disclaime

Disclaimer
At the time of issue this information is presented for consideration in the belief that it is accurate and reliable. No warranty, either expressed or implied is made and no freedom from liability from patents, trademarks, or other limitations should be inferred. Any data listed is based upon typical results from reference samples and is averages only, and such information is not to be considered as guarantees or as a condition of sale. Further we acknowledge that the crossing of species can be either legally prohibited or ethically incorrect. We disclaim responsibility regarding disputes or complaints based on cross-species contamination in the consumer end product as well as on labelling issues, including but not limited to the user's wrongful use of the products. It is further the user's responsibility to make tests to insure that the products will work in the actual process and that the use of the products is correct and in accordance with existing legislation.

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