

TECHNICAL DATA SHEET



GRASS-FED BEEF KIDNEY POWDER

PRODUCT INFORMATION

FORM: Powder

COUNTRY OF ORIGIN: Estonia

PRODUCT CODE: SKU 32318861639747

BRIEF DESCRIPTION: A beef kidney is high in DAO (diamine oxidase). DAO is one of the enzymes that helps break down histamine and may improve the symptoms of allergies, histamine intolerance, inflammation and gastric issues. Beef kidney also contains B vitamins such as thiamin (B1), riboflavin (B2), niacin (B3) and cobalamin (B12) and minerals such as selenium and iron. Vitamin B12 contributes to normal psychological functions, keeps the immune system strong and helps with the reduction of tiredness and fatigue. Selenium helps to keep hair and nails healthy, protects cells from oxidative stress, and is necessary for the normal functioning of both male and female fertility. In addition, selenium contributes to the metabolism of thyroid hormones.

Grass Fed Beef Kidney powder is certified organic by the Agriculture and Food Board (EE-ÖKO-03)

INGREDIENTS: freeze-dried organic beef kidney (100%).

SUGGESTED USE: 4.5g daily dosage.

PRODUCTION PROCESS: Raw Material Sourcing → Quality Control → Preliminary Processing (cutting and freezing) → Freeze-Drying → Quality Control Testing (Post-Processing) → Milling and Blending → Encapsulation → Packaging and Labelling → Storage

PACKAGING: 135g Net Powder Weight.

SHELF LIFE & STORAGE: 24 months from the manufacture date. Store in a cool, dry place.

NUTRITIONAL INFORMATION

	Per 100g	Units
Energy	2310/554	kJ/kcal
Fat	34.68	g
of which saturated fat	19.95	g
Carbohydrate	<0.3	g
of which sugars	<0.3	g
Protein	60.36	g
Salt	1.73	g
Vitamin B12	0.13	mg
Niacin	34.38	mg
Thiamin	1.56	mg
Riboflavin	12.19	mg
Selenium	0.61	mg
Iron	51.56	mg

APPROVED HEALTH BENEFITS BASED ON MICRONUTRIENTS

Micronutrients in Grass Fed Beef Kidney powder contribute to:

- ✓ protection of cells from oxidative stress
- ✓ normal spermatogenesis
- ✓ maintenance of normal hair and nails
- ✓ maintenance of normal mucous membranes and skin
- ✓ normal thyroid function
- ✓ normal function of the heart
- ✓ normal function of the immune system
- ✓ normal red blood cells and haemoglobin formation
- ✓ normal oxygen transport in the body
- ✓ normal metabolism of iron
- ✓ normal energy-yielding metabolism
- ✓ reduction of tiredness and fatigue
- ✓ normal functioning of the nervous system
- ✓ normal psychological function
- ✓ normal cognitive function
- ✓ maintenance of normal vision

These approved health benefits are based on the detailed nutritional composition of the product we supply for informational purposes only and comply with regulation (EC) No 1924/2006. These health benefits may not apply to similar products from other suppliers.

HEAVY METALS AND MICROBIOLOGICAL ANALYSIS

TEST PROTOCOL NO. TA2319787-BT/KT

Date of arrival: 19.09.2023 15:30

Purpose of testing: self-control

Date of analysis: 20.09.-29.09.2023

Parameters	Result	Unit	Method
Arsenic	0.024	mg/kg	5KI-TJ-201* ICP-MS
Mercury	0.017	mg/kg	5KI-TJ-201* ICP-MS EU 333/2007 Annex, parts C and D
Cadmium	0.314	mg/kg	5KI-TJ-201* ICP-MS EU 333/2007 Annex, parts C and D
Lead	0.10	mg/kg	5KI-TJ-201* ICP-MS EU 333/2007 Annex, parts C and D
Escherichia coli	$<1.0 \cdot 10^1$	CFU/g	EVS-ISO 16649- 2:2011+AC:2017
Molds	$9.1 \cdot 10^1$	CFU/g	NMKL 98(4):2005
Salmonella spp.	Not detected	25g	EVS-EN ISO 6579- 1:2017+A1:2020
Listeria monocytogenes	$<1.0 \cdot 10^1$	CFU/g	EVS-EN ISO 11290- 2:2017+AC:2017

* Flexible scope of accreditation

ALLERGEN STATEMENT

We hereby certify that Grass-fed Beef Kidney sold by Healthy Life OÜ do not contain any substances causing allergies or intolerances as ingredients or by the possibility of cross-contamination. The list of allergens that are likely to cause adverse reactions in susceptible individuals is provided in Annex II of the Regulation (EU) No 1169/2011. Please note that this statement is based on the information provided by the manufacturer of the product.

AUTHENTICITY

Grass-fed Beef Kidney is 100% natural and does not contain any additives such as sugars, acids, colourants, preservatives, etc.

GMO-FREE

Grass-fed Beef Kidney is not subject to genetic modifications. Process controls are in place to ensure no accidental contamination with genetically modified materials, or materials derived thereafter can occur. We hereby certify that Grass-fed Beef Kidney is not subject to labelling under EU Regulations 1829/2003/EC and 1830/2003/EC on genetically modified food and feed.

PESTICIDES

Grass-fed Beef Kidney complies with the requirements outlined in Council Regulation (EC) No. 834/2007 (and consecutive amendments). During the manufacturing process, the product and the packaging materials are not exposed to pesticides or pesticide residues. Pesticides are not stored on-site, nor used in the manufacturing or warehousing areas. Please note that this statement is based on the information provided by the manufacturer of the product.

IRRADIATION

The product has not been irradiated and complies with the EU regulation 1999/3/EC.

NANOPARTICLES

The product does not contain any form of engineered nanomaterials; therefore, the product does not require labelling as per regulation (EC) No 1169/2011.

BSE-TSE STATEMENT

Nutriest hereby confirms that the product Grass-fed Beef Kidney powder does not contain any material derived from or exposed to animals affected by or under quarantine for Bovine Spongiform Encephalopathy (BSE) or transmissible spongiform encephalopathy (TSE).

RESIDUAL SOLVENTS

No residual solvents are used in the manufacturing process.

LEVEL OF UNDESIRABLE SUBSTANCES

The strictly controlled production process of Grass-fed Beef Kidney ensures that the levels of the undesirable substance (heavy metals, PAH, mycotoxins, etc.) are below the limits identified by EU legislation (Commission regulation No 2073/2005, No 1881/2006 and consecutive amendments), including the recommendations provided by EFSA on food contaminants.

ANIMAL TESTING STATEMENT

Nutriest confirms that we do not conduct or commission animal testing of any products.

DISCLAIMER

The nutritional information provided in this document is based on nutritional testing and on average, as required by regulation (EC) No 1169/2011. The information is not meant to ensure a warranty of characteristics. It comes without commitment and is not valid for any claim of warranty and product liability respectively.