

# MUVHUYU BAOBAB POWDER

## technical data sheet



1. Identifiers & Description	
Commercial Product Name:	Muvhuyu Baobab Fruit Pulp Powder.
INCI:	Adansonia digitata Fruit Extract.
Contents:	Pulp from the fruit of the Adansonia digitata Tree.
Production Process:	Pulp is mechanically separated from the seeds, and sieved into powder form. No excipients, solvents, chemicals nor preserving agents are used.
Preserving Agents:	None.
2. Analytical Specifications	
<b>Physical Characteristics</b>	
Physical State at 20°C:	Fine off-white-colour, powder form
Odour and Taste:	Light characteristic odour and tangy taste
Particle Size (microns):	< 106 micron
Foreign Matter (%):	< 0.2
% Moisture (loss of drying):	< 12%
Solvent Residues (%):	0.0
Solubility (%):	65.0 - 80.0
Ash Content (g/100g):	< 6.6
pH (10% solution):	2.8 - 3.6
<b>Nutritional Profile (g/100g)</b>	
Energy (kJ/100g):	> 900kJ
Protein (g/100g):	2.03 - 3.24
Total Sugar (as glucose):	16.9 - 25.3
Total Fat:	0.4 - 0.7
Carbohydrates:	78.3 - 78.9
Cholesterol (mg/100g):	< 2.0
Total Dietary Fibre:	50.0 - 65.0
Soluble Fibre:	40.0 - 50.0
Insoluble Fibre:	10.0 - 15.0
Antioxidants ORAC (µmol TE/g):	> 550
<b>Macro Minerals (mg/kg)</b>	
Potassium (K):	> 2,500
Calcium (Ca):	200 - 250
Vitamins C:	200 - 250
Magnesium (Mg):	100 - 150
Phosphorus (P):	40.0 - 55.0
Sodium (Na):	7.4 - 12.2
Iron (Fe):	6.0 - 10.0
Zinc (Zn) (mg/kg):	< 10.0
<b>Microbial Content</b>	
Total Plate Count (cfu/g):	< 1,000
Bile - Tolerant Gram Negative Bacteria:	Absent
Enterobacteriaceae (cfu/g):	Absent
Staphylococcus Aureus (cfu/g):	Absent
Escherichia Coli:	Absent
Salmonella (unit/25g):	Absent
<b>Heavy Metals (mg/kg)</b>	
Lead:	< 0.1
Cadmium:	< 0.05
Mercury:	< 0.5
Arsenic:	< 1.0

3. Origin, Testing, Regulatory and Packaging	
Raw Material Origin/s: Manufacture Location:	South Africa South Africa
Laboratory Testing:	Germany
R.E.A.C.H. Status: CLP Status: Accreditation/s: Access & Benefits Sharing:	Exempt - natural product. Non-hazardous - refer to MSDS for further details. Organic certified by Lacon (CY-BIO-001) Compliant.
Unit Packaging: Shelf Life / Retest:	10kg (net) packaged in foil bag and cardboard box. 36 months from date of production - if unopened and stored in dry, light-protected locations, and in ambient temperatures.

## 4. Attestations and Confirmations

<b>BSE/TSE:</b>	This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE. This is also to certify that, during the course of it's manufacture, the above product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.
<b>Genetically Modified:</b>	This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under regulations 1829/2003/EC and 1830/2003/ EC.
<b>Non Irradiation:</b>	This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives 1999/2/EC and 1000/3/EC.
<b>Nandrolone:</b>	This is to certify that this product, whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.
<b>IOC Banned Substances:</b>	This is to certify that this product, whole or in part, has not come into contact with any substance, which is banned by the IOC (International Olympics Committee).
<b>Animal Testing:</b>	This is to certify that this product has not been tested on animals in any part of its manufacture, in accordance with regulation 86/609/EEC.
<b>Nut Allergies:</b>	This is to certify that this product has been performed in an environment free of nuts.
<b>Pesticides:</b>	This is to certify that this product complies with the regulation (EC) No.396/2005 of 23rd February 2005 and commission Regulation (EU) No. 559/2011 of 7th June 2011 amending annexes II and III of the above Regulation.
<b>Wild Harvest:</b>	This is to certify that this product has been harvested from sites that are not maintained under cultivation or agriculture management. The collection of this product positively contributes to the maintenance of the surrounding environment, and harvesting does not play a destructive role to sustaining the environment.
<b>Vegetarian, Halal and Kosher:</b>	This is to certify that this product is 100% vegetarian, has not derived from any animal sources and production has been performed in an environment free of any meat products.

## 5. Other Information

The guidance provided in this document should not be construed as guaranteeing specific properties of the baobab fruit powder. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the perspective of safety requirements. As such, Kupanda does not accept any legal liability, nor does it furnish any warranty.

Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterised or unknown. Customers should assess the safety of their final products and satisfy themselves that no patents are being infringed.

To be used as per local legislation.

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