
	<b>AFRIGETICS</b> <b>Food Safety Management System</b>	Doc No: FMRMSPEC007	Rev No: 0
<b>Subject: Raw Material Specification</b>			Page 1 of 4
Authorised By: Steve Hurt			Effective date: 05/03/2020

<b>PRODUCT NAME: AFRICAN GINGER MILLED POWDER</b>
<b>BOTANICAL NAME: SIPHONCHILUS AETHIOPICUS</b>
<b>FAMILY: ZINGIBERACEAE</b>
<b>PRODUCT CODE: RMSAMP</b>

<b>PHYSICAL CHARACTERISTICS</b>
<p><u>Sensory characteristics:</u> Aromatic, pungent and characteristic.</p> <p><u>Appearance:</u> Off white, pale yellow powder.</p> <p><u>Texture:</u> Powdered.</p> <p><u>Plant part used:</u> Tuber of the Siphonochilus aethiopicus.</p>
<b>COMPOSITION OF FORMULATED INGREDIENTS, INCLUDING ADDITIVES AND PROCESSING AIDS</b>
100% Siphonochilus aethiopicus milled powder.
<b>COUNTRY OF ORIGIN</b>
Produced in South Africa.
<b>METHOD OF PRODUCTION</b>
Raw Siphonochilus aethiopicus milled into a powder.

**Subject: Raw Material Specification**

Page 2 of 4

Authorised By: Steve Hurt

Effective date:  
05/03/2020

**MICROBIOLOGICAL CHARACTERISTICS**

PARAMETER	SPECIFICATION	UNIT OF MEASURE
<b>Total Microbial Activity (TMA)</b> SWJM 35	< 10 000	CFU/g
<b>Salmonella</b> SWJM 67	< 10*	Per 25g
<b>Coliforms</b> SWJM 48	< 10*	CFU/g
<b>Escherichia coli</b> SWJM 62	< 10*	CFU/g
<b>Yeast</b> SWJM 50	< 500	CFU/g
<b>Mould</b> SWJM 50	< 500	CFU/g

*\*For where the test result is < 10, it means that no colonies/microbial growth ("No growth") was observed at the lowest/ first dilution (1 in 10 dilution) of the sample. CFU = Colony-Forming Unit (A colony-forming unit is a unit used to estimate the number of viable bacteria or fungal cells in a sample. Viable is **defined** as the ability to multiply via binary fission under the controlled conditions.)*

**CHEMICAL CHARACTERISTICS**

PARAMETER	SPECIFICATION	UNIT OF MEASURE
<b>Moisture</b>	NLT 12	%
<b>Ash</b>	< 8	%
<b>Acid Insoluble Ash</b>	< 2	%

**HEAVY METALS**

<b>Lead</b> WIN-VM-049	< 5	mg/kg
<b>Cadmium</b> WIN-VM-049	< 1	mg/kg

**Subject: Raw Material Specification**

Page 3 of 4

Authorised By: Steve Hurt

Effective date:  
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**BULK PACKAGING**

MATERIAL	SPECIFICATION/DESCRIPTION
Primary Packaging	Double bagged in 50-micron food grade bags, individually sealed with cable ties.
Secondary Packaging	White agricultural woven bag. Stitched.

**NET WEIGHT**

Packed at nett weight of 20 kg.

**TRANSPORTATION**

Enclosed vehicle, which is clean, dry, pest and chemical free. Vehicle should be suitable for the transportation of foodstuffs. Vehicle not to present any physical hazards e.g. glass and hard plastics.

**SHELF LIFE**

24 Months.

**STORAGE CONDITIONS**

Stored on pallets, labelled, sealed, protected from moisture, light and high temperatures in a pest and rodent-proof area, stored away from harmful chemicals.

**PREPARATION AND/OR HANDLING BEFORE USE OR PROCESSING**

Use as is.

**FOOD SAFETY RELATED ACCEPTANCE CRITERIA OR SPECIFICATIONS OF PURCHASED MATERIALS AND INGREDIENTS APPROPRIATE FOR THEIR INTENDED USE**


To be used as an ingredient in the preparation of herbal medicine or food supplements.

**STATUTORY AND REGULATORY FOOD SAFETY REQUIREMENTS**

No additional requirements.

**POTENTIAL ABUSE OF PRODUCT**

Storing in direct sunlight, unprotected from moisture and high temperatures. Not tightly closing after opening.

	<b>AFRIGETICS</b> <b>Food Safety Management System</b>	Doc No: FMRMSPEC007	Rev No: 0
<b>Subject: Raw Material Specification</b>			Page 4 of 4
Authorised By: Steve Hurt			Effective date: 05/03/2020

<b>ALLERGEN STATEMENT</b>
<p>The above-mentioned product is made of allergen-free ingredients. This product does not contain allergens subject to labelling according to regulation (EU) No. 1169/2011 and amendments. Process controls are in place to ensure that no accidental contamination with allergenic material could occur.</p>
<b>GMO STATEMENT</b>
<p>This product has not been in contact with any GMO, therefore the regulations (EC) 1829/2003 and (EC) 1830/2003 are not applicable.</p>
<b>TSE/BSE STATEMENT</b>
<p>In the production process of this product, we do not use any raw material of animal origin. This product has not been in contact with and does not include any material of animal origin. Our product is not contaminated with material of animal origin when it leaves our storage facility.</p>
<b>KOSHER/HALAL STATUS</b>
Not Certified