

	AFRIGETICS Food Safety Management System	Doc No: SPECRMBNMP	Rev No: 2
	Subject: Raw Material Specification: Bulbine Natalensis milled powder		Page 1 of 3
Authorised By: Operations Manager		Effective date: February 2021	

RAW MATERIAL PRODUCT SPECIFICATION	
PRODUCT NAME	BULBINE NATALENSIS MILLED POWDER
BOTANICAL NAME	BULBINE NATALENSIS
FAMILY	ASPHODELACEAE
PRODUCT CODE	RMBNMP
	

PHYSICAL SPECIFICATION	
SENSORY CHARACTERISTICS	Herbal taste and aroma with woody and bitter notes
APPEARANCE	Dark brown fine milled powder
TEXTURE	Milled powder.
PLANT PART USED	Leaves and tuber of the Bulbine Natalensis plant.
COMPOSITION	100% Bulbine Natalensis dried leaves and tuber.
METHOD OF PRODUCTION	Bulbine Natalensis dried leaves and tuber pieces milled into a powder. Sterilized if required.

ANALYTICAL DATA		
PARAMETER	SPECIFICATION	UNIT OF MEASURE
CHEMICAL CHARACTERISTICS		
Moisture <small>WIN-VM-180</small>	< 12	%
MICROBIAL LIMITS		
Total Microbial Activity <small>SWJM 35</small>	< 100 000	CFU/g
Salmonella* <small>SWJM 67</small>	< 10	CFU/g

	AFRIGETICS Food Safety Management System	Doc No: SPECRMBNMP	Rev No: 2
	Subject: Raw Material Specification: Bulbine Natalensis milled powder		Page 2 of 3
Authorised By: Operations Manager		Effective date: February 2021	

Coliforms*	SWJM 48	< 10	CFU/g
Escherichia coli*	SWJM 62	< 10	CFU/g
Yeast	SWJM 50	< 5 000	CFU/g
Mould	SWJM 50	< 5 000	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.)

HEAVY METALS

Lead	WIN-VM-085	< 5	ppm
Cadmium	WIN-VM-085	< 1	ppm
Mercury	WIN-VM-085	< 0.1	ppm

PESTICIDE RESIDUE

No pesticide residue (Aldrin and Dieldrin) is present.

COUNTRY OF ORIGIN

Product of South Africa

STORAGE, TRANSPORTATION AND STABILITY


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.
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

BULK PACKAGING

MATERIAL	DESCRIPTION
Primary Packaging	Double bagged in 50-micron food grade bags, individually sealed with cable ties.
Secondary Packaging	White agricultural woven bag. Labelled and stitched/cable tied.
Net Weight	20 kg / as per order
1 kg Packaging	Foil zip lock bag made from MET PET/LLDPE (110 microns)

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.

	<p style="text-align: center;">AFRIGETICS Food Safety Management System</p>	<p style="text-align: center;">Doc No: SPECRMBNMP</p>	<p style="text-align: center;">Rev No: 2</p>
<p>Subject: Raw Material Specification: Bulbine Natalensis milled powder</p>			<p style="text-align: center;">Page 3 of 3</p>
<p>Authorised By: Operations Manager</p>			<p>Effective date: February 2021</p>

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.

ALLERGEN STATEMENT
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.
GMO STATEMENT
This product has not been in contact with any GMO, therefore the regulations (EC) 1829/2003 and (EC) 1830/2003 are not applicable.
TSE/BSE STATEMENT
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.
KOSHER/HALAAL STATUS
Halaal Certified.

