

	AFRIGETICS Food Safety Management System	Doc No: SPECRMHP	Rev No: 2
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RAW MATERIAL PRODUCT SPECIFICATION	
PRODUCT NAME	HARPAGOPHYTUM PROCUMBENS SLICES / MILLED POWDER (DEVILS CLAW)
BOTANICAL NAME	HARPAGOPHYTUM PROCUMBENS
FAMILY	PEDALIACEAE
PRODUCT CODE	RMHPSL / RMHPMP
	

PHYSICAL SPECIFICATION	
SENSORY CHARACTERISTICS	Moderately to extremely bitter and slightly sweet.
APPEARANCE	Light brown slices / fine powder.
TEXTURE	Dried slices or powdered.
PLANT PART USED	Tuber.
COMPOSITION	100% sliced Harpagophytum procumbens dried tuber.
METHOD OF PRODUCTION	Harpagophytum procumbens tuber, dried and cut into slices or milled into a powder. Sterilized if required.

ANALYTICAL DATA		
PARAMETER	SPECIFICATION	UNIT OF MEASURE
CHEMICAL CHARACTERISTICS		
Moisture <small>WIN-VM-180</small>	< 12	%
ASSAY (Harpagocides)	NLT 1.2	%
MICROBIAL LIMITS		
Total Microbial Activity <small>SWJM 35</small>	< 100 000	CFU/g
Salmonella* <small>SWJM 67</small>	< 10	CFU/g

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Coliforms*	SWJM 48	< 10	CFU/g
Escherichia coli*	SWJM 62	< 10	CFU/g
Yeast	SWJM 50	< 5000	CFU/g
Mould	SWJM 50	< 5000	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 Botswana.

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.

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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

Not Certified.