

Subject: Raw Material Specification

Page 1 of 4

Authorised By: General Manager

Effective date:
06/08/2019

PRODUCT NAME: Bulbine natalensis milled powder

PRODUCT CODE: RMBNMP



PHYSICAL CHARACTERISTICS

Sensory characteristics: Herbal taste and aroma with woody and bitter notes.


Appearance: Dark brown fine milled powder

Texture: Powdered

Particle size: 85% through 40 mesh (400 micron)

MICROBIOLOGICAL CHARACTERISTICS

| PARAMETER | SPECIFICATION | UNIT OF MEASURE |
|---------------------|---------------|-----------------|
| Total Aerobic Count | < 10 000 | cfu/g |
| Yeast | < 500 | cfu/g |

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|  | AFRIGETICS Food Safety Management System | Doc No: FMRMSPEC004 | Rev No: 1 |
| Subject: Raw Material Specification | | | Page 2 of 4 |
| Authorised By: General Manager | | | Effective date: 06/08/2019 |

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|-----------------|--------|---------|
| Mould | < 500 | cfu/g |
| Salmonella | Absent | Per 25g |
| Eschrechia coli | Absent | cfu/g |

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|---------------------------------|--|--|
| CHEMICAL CHARACTERISTICS | | |
|---------------------------------|--|--|

| PARAMETER | SPECIFICATION | UNIT OF MEASURE |
|-----------------|---------------|-----------------|
| Moisture | <12 | % |

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|---------------------|--|--|
| HEAVY METALS | | |
|---------------------|--|--|

| PARAMETER | SPECIFICATION | UNIT OF MEASURE |
|----------------|---------------|-----------------|
| Lead | < 5 | ppm |
| Cadmium | < 0.3 | ppm |

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| PESTICIDE RESIDUE | | |
|--------------------------|--|--|

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|----------------------------|--------|-------|
| Aldrin and Dieldrin | < 0.05 | mg/kg |
|----------------------------|--------|-------|

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| COMPOSITION OF FORMULATED INGREDIENTS, INCLUDING ADDITIVES AND PROCESSING AIDS | | |
|---|--|--|


100% Bulbine natalensis dried tuber, milled into a fine powder.

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|--------------------------|--|--|
| COUNTRY OF ORIGIN | | |
|--------------------------|--|--|


Produced in South Africa

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|-----------------------------|--|--|
| METHOD OF PRODUCTION | | |
|-----------------------------|--|--|

100% Bulbine natalensis dried tuber, milled into a fine powder.

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|  | AFRIGETICS Food Safety Management System | Doc No: FMRMSPEC004 | Rev No: 1 |
| Subject: Raw Material Specification | | | Page 3 of 4 |
| Authorised By: General Manager | | | Effective date: 06/08/2019 |

| 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 AND SHELF LIFE | |
| 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 TO THEIR INTENDED USE | |
| To be used as an ingredient in the preparation of herbal medicine or food supplements. | |

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|--|---|------------------------|-------------------------------|
|  | AFRIGETICS Food Safety Management System | Doc No: FMRMSPEC004 | Rev No: 1 |
| Subject: Raw Material Specification | | | Page 4 of 4 |
| Authorised By: General Manager | | | Effective date: 06/08/2019 |

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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/HALAL STATUS |
| Kosher certified |