



**JOINT FAO/WHO FOOD STANDARDS PROGRAMME
CODEX COMMITTEE ON SPICES AND CULINARY HERBS
Fourth Session
Thiruvananthapuram, India, 21 – 25 January 2019
Thiruvananthapuram, Kerala, India**

Comments from Ghana

Table 2. Physical requirements for whole/crushed/rubbed and ground oregano

We support

| Parameter | Whole, Crushed/rubbed Oregano | | | Ground Oregano |
|--|-------------------------------|----------------|----------------|----------------|
| | Extra | Class /Grade I | Class/Grade II | |
| Extraneous vegetable matter (maximum % mass fraction) | 0.5 | 0.5 | 1 | NA |
| Dead insects, insects fragments, maximum % mass fraction | 1.0 | 1.0 | 1.0 | NA |
| Mammalian excreta maximum (mg/Kg) | 1.0 | 1.0 | 1.0 | 1.0 |

Table 3. Chemical requirements for whole/crushed/rubbed oregano and ground oregano

| Parameter | Whole/Crushed/Rubbed oregano | | | Ground oregano |
|--|------------------------------|----------------|-----------------|----------------|
| | Extra | Class/ Grade I | Class/ Grade II | |
| Total ash, % mas fraction (dry basis), maximum | | | | 10 |
| Volatile oils (*), ml/100 g (dry basis), minimum | | 2.0 | 1.5 | |

Agenda Item 4.1 PROPOSED DRAFT STANDARD FOR DRIED ROOTS, RHIZOMES AND BULBS – SPECIFIC REQUIREMENTS FOR DRIED OR DEHYDRATED GINGER (CX/SCH 19/4/4)

Chemical Properties for Dried Roots, Rhizomes and Bulbs

We support

Moisture Content %w/w (max): 11.0 for Ground/Powder and 1.0 for Volatile Oils mL/ 100g (min):

This is because a moisture content of 11.0 will prevent the growth of molds.

Physical Properties for Dried Roots, Rhizomes and Bulbs

We support

| Product Name | Forms/ Styles | Whole insects, dead Count/100g (max) | Excreta mammalian mg/kg (max) | Excreta, other mg/Kg (max) | Mold damaged %w/w (max) | Insect defiled/ infested %w/w (max) | Extraneous matter ¹ %w/w (max) |
|--------------|-----------------|--------------------------------------|-------------------------------|----------------------------|-------------------------|-------------------------------------|---|
| Ginger | Whole | 4.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 |
| | Cracked/ Broken | 4.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 |

Agenda Item 4.2 PROPOSED DRAFT STANDARD FOR DRIED AND DEHYDRATED GARLIC (CX/SCH 19/4/5)

Chemical Properties for Dried and Dehydrated Garlic

Ghana supports the requirements below:

| Parameter | Requirement |
|---|-------------|
| Moisture, % w/w (max) (i) In case of Powdered Garlic | 7 |
| Total ash on dry basis, % w/w (max) | 6 |
| Volatile organic sulfur compounds content, % (m/m) on dry basis, min. | * |

Physical Properties for Dried and Dehydrated Garlic

| Parameter | Requirements |
|--|--------------|
| Extraneous matter, % w/w (max) | 0.5 |
| Foreign matter | 0.5 |
| Mould visible, maximum, % mass fraction | 1 |
| Dead insects, insect fragments, rodent contamination max % mass fraction | 0.5 |
| | |

Agenda Item 6.1 PROPOSED DRAFT GROUP STANDARD FOR DRIED CULINARY LEAVES - SPECIFIC REQUIREMENTS FOR DRIED BASIL **CX/SCH 19/4/7**

Physical Properties for Dried Basil

We support

| General name | Form | Extraneous matter ⁴ % w/w max | Foreign matter ⁵ % w/w max | Insect fragments maximum/ 10 gm | Rodent filth maximum number of hairs /10 gm | Mold damage %w/w max | Dead whole insects count/100 gm max | Mammalian excreta mg/Kg max |
|--------------|------------------|--|---------------------------------------|---------------------------------|---|----------------------|-------------------------------------|-----------------------------|
| Basil | Whole | 1.0 | | | | | 2.0 | |
| | Pieces | 1.0 | | | | | 2.0 | |
| | Crushed/ rubbed | | | | | | | |
| | Ground/ powdered | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Agenda Item 8.1 PROPOSED DRAFT STANDARD FOR DRIED FLORAL PARTS-CLOVES (**CX/SCH 19/4/9**)

Chemical Characteristics for Dried Floral Parts

| Product | Form | Acid Insoluble Ash % w/w (max) | Volatile Oils ml/100g (min) |
|---------|-----------------|--------------------------------|-----------------------------|
| Cloves | Whole | 1 | |
| | Cracked/crushed | 1 | |
| | Ground | 1 | 14 |

Physical Characteristics for Dried Floral Parts

We support 0.1 foreign matter % w/w (max) for whole and Cracked/ crushed cloves and no economic adulteration for all forms of cloves.