

Grade designation & quality of garbled Non-bleached Ginger (Whole)

Grade	Quality							
Designation	Special Characteristics							
	Size of rhizomes (length in mm) Min.	Organic extraneous matter % (m/m) Max.	Inorganic extraneous matter % (m/m) Max.	Moisture % (m/m) Max.	Total ash % (m/m) Max.	Calcium (as calcium oxide) % (m/m) Max.	Volatile Oil % (ml/100 gm) Min.	General Characteristics
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Special	20.0	1.5	0.5	12.0	8.0	1.1	1.5	(1) It shall be dried rhizomes of Zingiber officinale Rose, in pieces, irregular in shape, pale brown in colour,
Standard	15.0	1.5	0.5	13.0	8.0	1.1	1.0	(2) Its fibrous content shall be characteristic of the variety with peel not entirely removed and light pieces removed by garbling; (3) It shall have characteristic taste and flavour and shall not have a musty odour or a rancid or bitter taste; (4) It shall be free from added colouring matter; (5) It shall be free from mould growth, living insects and practically free from dead insects, insect fragments and rodent contamination; (6) It shall comply with restrictions in regard to Aflatoxins, Metallic Contaminants, Insecticide or Pesticide residue, Poisonous metals, naturally occurring contaminants, Microbial load and the like as specified by the Codex Alimentarius Commission or as per buyers requirements for export purposes and the Prevention of Food Adulteration Rules, 1955 for domestic trade.

Definitions:

- (a) "Inorganic extraneous matter" includes dust, stones, earth or any other inorganic foreign matter.
- (b) "Organic extraneous matter" includes exhausted or spent Ginger and all foreign matter of plant origin.

Note :

- (1) Pieces of rhizomes smaller than 15mm can be graded with the marking "Garbled Non-bleached Ginger (Pieces)".
- (2) It may be marked "Garbled Non-bleached Calicut" (NGK) or "Garbled Non-bleached Cochin (NGC)" depending upon its place of origin.

CONTD.

Ungarbled Non-bleached Ginger (Whole)

Grade Designation	Quality								
	Special Characteristics								
	Size of rhizomes (length in mm) Min.	Organic extraneous matter % (m/m) Max.	Inorganic extraneous matter % (m/m) Max.	Very Light, pieces %(m/m) Max.	Moisture % (m/m) Max.	Total ash %(m/m) Max.	Calcium (as calcium oxide) %(m/m) Max.	Volatile Oil % (ml/100 gm) Min.	General Characteristics
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Special	20.0	1.5	0.5	4.0	12.0	8.0	1.1	1.5	(1) It shall be dried rhizomes of Zingiber officinale Rose, in pieces, irregular in shape, pale brown in colour,
Standard	15.0	1.5	0.5	6.0	13.0	8.0	1.1	1.0	(2) Its fibrous content shall be characteristic of the variety with peel not entirely removed; (3) It shall have characteristic taste and flavour and shall not have a musty odour or a rancid or bitter taste; (4) It shall be free from added colouring matter; (5) It shall be free from mould growth and living insects and practically free from dead insects, insect fragments and rodent contamination; (6) It shall comply with restrictions in regard to Aflatoxins, Metallic Contaminants', Insecticide or Pesticide residue, Poisonous metals, naturally occurring contaminants, Microbial load and the like as specified by the Codex Alimentarius Commission or as per buyers requirements for Export purposes and Prevention of Food Adulteration Rules, 1955 for domestic trade.

Definitions:

- (a) "Inorganic extraneous matter" includes dust, stones, earth or any other inorganic foreign matter.
- (b) "Organic extraneous matter" includes exhausted or spent Ginger and all foreign matter of plant origin.

Note :

- (1) Pieces of rhizomes smaller than 15mm can be graded with the marking "Ungarbled Non-bleached Ginger (Pieces)".
- (2) It may be marked "Ungarbled Non-bleached Calicut" (NUGK) or "Ungarbled Non-bleached (NUGC)" depending upon its place of origin.

CONTD.

Garbled bleached Ginger (Whole)

Grade	Quality							
Designation	Special Characteristics							
	Size of rhizomes (length in mm) Min.	Organic extraneous matter % (m/m) Max.	Inorganic extraneous matter % (m/m) Max.	Moisture % (m/m) Max.	Total ash % (m/m) Max.	Calcium (as calcium oxide) % (m/m) Max.	Volatile Oil % (ml/100 gm) Min.	General Characteristics
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Special	20.0	1.5	0.5	12.0	12.0	2.5	1.5	(1) It shall be dried rhizomes of Zingiber officinale Rose, in pieces, irregular in shape, pale brown in colour,
Standard	15.0	1.5	0.5	13.0	12.0	4.0	1.0	(2) Its fibrous content shall be characteristic of the variety with peel not entirely removed and light pieces removed by garbling; (3) It shall be lime bleached; (4) It shall have characteristic taste and flavour and shall not have a musty odour or a rancid or bitter taste; (5) It shall be free from added colouring matter; (6) It shall be free from mould growth and living insects and practically free from dead insects, insect fragments and rodent contamination; (7) It shall comply with restrictions in regard to Aflatoxins, Metallic Contaminants, Insecticide or Pesticide residue, Poisonous metals, naturally occurring contaminants, Microbial load and the like as specified by the Codex Alimentarius Commission or as per buyers requirements for export purposes and the Prevention of Food Adulteration Rules, 1955 for domestic trade.

Definitions:

- (a) "Inorganic extraneous matter" includes dust, stones, earth or any other inorganic foreign matter;
- (b) "Organic extraneous matter" includes exhausted or spent Ginger and all foreign matter of plant origin.

Note :

- (1) Pieces of rhizomes smaller than 15 mm can be graded with the marking "Garbled Bleached Ginger (Pieces)".
- (2) It may be marked "Garbled Bleached Calicut" (BGK) or "Garbled bleached Cochin (BGC)" depending upon its place of origin

CONTD.

Ungarbled bleached Ginger (Whole)

Grade	Quality							
Designation	Special Characteristics							
	Size of rhizomes (length in mm) Min.	Extraneous Matter % (m/m) Max.	Very light pieces % (m/m) Max.	Moisture % (m/m) Max.	Total ash % (m/m) Max.	Calcium (as calcium oxide) (m/m) Max.	Volatile Oil % (ml/100 gm) Min.	General Characteristics
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Special	20.0	2.0	4.0	12.0	12.0	2.5	1.5	(1) It shall be dried rhizomes of Zingiber officinale Rose, in pieces, irregular in shape, pale brown in colour;
Standard	15.0	2.0	5.0	13.0	12.0	4.0	1.0	(2) Its fibrous content shall be characteristic of the variety with peel not entirely removed; (3) It shall be lime bleached; (4) It shall have characteristic taste and flavour and shall not have a musty odour or a rancid or bitter taste; (5) It shall be free from added colouring matter; (6) It shall be free from mould growth, living insects and practically free from dead insects, insect fragments and rodent contamination; (7) It shall comply with restrictions in regard to Aflatoxins, Metallic Contaminants, Insecticide or Pesticide residue, Poisonous metals, naturally occurring Contaminants, Microbial load and the like as specified by the Codex Alimentarius Commission or as per buyers requirements for export purposes and the Prevention of Food Adulteration Rules, 1955 for domestic trade.

Definition : "Extraneous matter' includes all foreign matter including the exhausted or spent Ginger.

Note : (1) Pieces of rhizomes smaller than 15mm can be graded with the marking "Garbled bleached Ginger (Pieces)".
(2) It may be marked "Ungarbled bleached Calicut" (BUGK) or "Ungarbled bleached Cochin (BUGC)" depending upon its place of origin.