

## Grade designation & quality of Turmeric (whole)

Grade Designation	Quality					
	Organic Extraneous Matter % (m/m) Max.	Inorganic extraneous matter % (m/m) Max.	Defective rhizomes % (m/m) Max.	Moisture % (m/m) Max.	Curcuminoid content % (m/m) Min.	General Characteristics
(1)						
Special	0.8	0.2	3.0	12.0	2.0	(1) Turmeric shall be primary or secondary rhizomes commercially called bulbs or fingers respectively of the plant <i>Curcuma long L</i> ;
Standard	1.5	0.5	5.0	12.0	Not specified	(2) Rhizomes may be in natural state or polished. (3) They shall not be artificially coloured; (4) They shall be free from mould growth, living insects and practically free from dead insects, insect fragments and rodent contamination; (5) They shall comply with restrictions in regard to Aflatoxins, Metallic contaminants; Insecticide or Pesticide residues. Poisonous metals, naturally occurring contaminants, Microbial load etc. 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; (6) Lead chromate test shall be negative.

### Definitions:

- (a) "Defective rhizomes" means shriveled rhizomes, internally damaged, hollow or porous rhizomes, rhizomes scorched by boiling and other types of damaged rhizomes;
- (b) "Inorganic extraneous matter: includes stones, particles of soil, dust, mud and the like;
- (c) "Organic extraneous matter: includes all vegetable matter other than rhizomes.

**Note:** When fingers are graded separately, it shall not contain more than-

- (1) 2% and 7% (m/m) of pieces of rhizomes (of length less than 15 mm and fragments) in special grade and standard grade respectively;
- (2) 2% and 5% (m/m) of bulbs in special grade and standard grade respectively.