

Schedule-II

(See rule 4)

Grade designations and quality of Turmeric (whole)

Grade Designation	Quality						
Special Characteristics (percent by mass)							
	Organic extraneous matter, (Maximum)	Inorganic extraneous matter, (Maximum)	Defective rhizomes, (Maximum)	Moisture, (Maximum)	Curcuminoid content on dry weight basis, (Minimum)	Insect damaged matter (Maximum)	Lead chromate test
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Special	0.3	0.1	3.0	11.0	3.0	0.20	Negative
Standard	0.7	0.3	5.0	12.0	2.0	0.50	Negative
General Characteristics							
(9)							
(1)	The turmeric whole is the primary or secondary rhizomes of <i>Curcuma longa</i> L.						
(2)	The rhizomes shall be well dried , well developed and shall have the shape ,colour characteristic of the variety;						
(3)	It shall have all characteristic odour and flavour of the turmeric;						
(4)	The cured rhizomes shall be in natural state or polished;						
(5)	It shall not be treated with any artificial colour, including lead chromate and shall also be free from added starch and harmful substances;						
(6)	It shall be free from mould growth, living and dead insects, insect infestation, insect fragments and rodent contamination;						
(7)	It shall be free from mustiness and rancidity;						
(8)	It shall comply with restrictions in regard to Aflatoxins, Heavy Metals, Insecticide or Pesticide residue, naturally occurring toxic substances, Microbial load or other food safety requirements as specified in the Food Safety and Standards (Contaminants, Toxins and Residues) Regulations, 2011 and the Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011 or any other Regulation notified under the Food Safety and Standards Act,2006 for domestic trade.						
(9)	It shall comply with restrictions in regard to Aflatoxins, Heavy Metals, Insecticide or Pesticide residue, naturally occurring toxic substances, Microbial load or other food safety requirements as specified by the Codex Alimentarius Commission or importing Countries requirements for exports.						

Explanations.-

- (a) "Defective rhizomes" means Shriveled fingers and or bulbs, internally damaged, hollow or porous rhizomes, rhizomes scorched by boiling and other types of damaged rhizomes.
- (b) "Inorganic extraneous matter" Such as dust, dirt, stones and lumps of earth.
- (c) "Organic extraneous matter" Such as chaff, stems, straw.
- (d) "Insect damaged matter" The produce internally or partially bored or damaged by pest/insect.

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;