

Grade designation & quality of Cumin (Whole)

Grade Designation	Quality								
	Special Characteristics								
	Organic extraneous matter % (m/m)	Inorganic extraneous matter % (m/m)	Insect damaged, discoloured, weevil led, immature seeds % (m/m)	Moisture % (m/m)	Total ash % (m/m)	Acid insoluble ash % (m/m)	Non-volatile ether extract % (m/m)	Volatile Oil % (ml/100 gm)	General Characteristics
	Max.	Max.	Max.	Max.	Max.	Max.	Min.	Min.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Special	1.0	0.2	3.0	9.0	8.0	1.5	15.0	1.5	(1) It shall be dried seeds of <i>Cuminum cyminum</i> L;
Standard	4.0	1.0	5.0	12.0	9.5	1.5	8.0	1.0	(2) Its flavour shall be characteristic, aromatic and not musty; (3) It shall be free from added colouring matter; (4) It shall be free from mould growth, living insects and practically free from dead insects, insect fragments and rodent contamination; (5) 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) "Insect Damaged, discoloured, weevilled, immature seeds" includes broken, insect damaged, discoloured, shrivelled and immature fruits.
- (b) "Inorganic extraneous matter" includes stones, particles of soil, sand etc.
- (c) "Organic extraneous matter" includes all seeds other than Cumin fruits and all other matter of animal origin.

Note : - The Volatile Oil Content should be determined immediately after grinding.