

CUMIN

Common Name : Jeera

English Name : Cumin

Botanical Name: *Cuminum cyminum (L)*

Minimum Requirement:

Cumin shall be-

- clean, dried, wholesome, mature and taste and smell be fresh.
- free from rancid taste, musty odour, mould, harmful foreign matter, insect infestation, rodent contamination and added colouring matter.



Criteria for Range:

S.No	Tradable Parameters	Test Result	Reference Result		
			Range-I	Range- II	Range- III
1	Moisture (% by wt)		Upto 9.0	9.1-10.0	10.1-12.0
2	Foreign matter (% by wt)		Upto 1.2	1.3-3.0	3.1-5.0
3	Discoloured & immature seeds (% by wt)		Upto 3.0	3.1-4.0	4.1-5.0
4	Insect damaged matter (% by wt)		Upto 0.20	0.21-0.35	0.36-0.50
5	Uniformity		More uniform	Slightly less uniform	Less uniform
6	Luster		Normal	Medium	Poor
7	Variety				
8	Packaging material				

Explanations:

- (a) Discoloured and Immature seeds” - includes broken, dis-coloured, shriveled and immature fruits.
- (b) Foreign matter includes dust, dirt, stones, lumps of earth, chaff, stems or straw, food grains including oil seeds of any other variety or any other impurity.
- (c) Insect damaged matter - The produce internally or partially bored or damaged by pest/insect.
- (d) Uniformity means having similar characteristics mainly regarding the size or weight, and colour.

(e) Variety: that differs from others of the same general kind or of the group to which it belongs.

Sampling Plan: (Bags):

5% of the bags will be sampled from the lot.

Sampling Procedure:

- The sample size shall be at least 500 gm
- These containers shall be selected at random from the lot.
- Increment shall be taken by means of an appropriate sampling instrument from different parts of each container selected. The gross sample for red Cumin shall be 500 gms.
- Wherever the material is supplied in bulk, the material of the same variety, same year of production and same grade, offered for inspection at a time shall constitute a lot. Equal number of increments shall be taken from different sides and depths of each heap in the lot. The increments from different heaps shall be thoroughly mixed so as to constitute the gross sample from the lot. The gross sample shall be reduced to laboratory sample by the procedure of coning and quartering.