

RED CHILLI(DRY)

Common Name : Lal Mirchi

English Name : Red Chilli

Botanical Name: *Capsium annum (L)*

Minimum Requirement:

Red Chilli shall be-

- clean, dried ripe pods (fruits) with or without stalk of plants and aroma, flavour and quality characteristic to the variety
- free from mustiness, rancidity, mould growth, insect infestation, rodent contamination and foreign colouring matter



Criteria for Range:

S.No	Tradable Parameters	Test Result	Reference range		
			Range-I	Range- II	Range- III
1	Moisture (% by wt)		Upto 10.0	10.1-10.5	10.6-11.0
2	Foreign matter (% by wt)		Upto 0.50	0.51-0.60	0.61-0.85
3	Unripe and marked Fruits (% by wt)		Upto 1.0	1.1-1.5	1.6-2.0
4	Broken fruits and fragments (% by wt)		Upto 3.0	3.1-4.0	4.1-5.0
5	Insect damaged matter (% by count)		Upto 0.10	0.11-0.5	0.6-1.0
6	Capsaicinoid content (Min)		0.25-0.30	0.20-0.24	0.10-0.19
7	Uniformity		More uniform	Slightly less uniform	Less uniform
8	Lustre		Normal	Medium	Poor
9	Variety				
10	Packaging material				

Explanations:

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

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| (c) "Broken fruits" means | Fruits/Pods which are broken during handling and of which apart of the pod is missing; |
| (d) "Fragments" means | small pieces of fruits coming from broken fruits; |
| (e) "Marked fruits" means | black or black stained fruits; |
| (f) "Unripe fruits" means | Fruits not yet fully mature, the colour of which is different from that of the batch under consideration. |

Sampling Plan: (Bags):

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

Sampling Procedure:

1. The sample size shall be at least 500 gms.
2. These containers shall be selected at random from the lot.
3. Increment shall be taken by means of an appropriate sampling instrument from different parts of each container selected. The gross sample for red chilli shall be 500 gms.
4. Wherever the material is supplies 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.