

Common Name:

Hindi	English Name	Botanical Name
तिल	Sesame seed	Sesamum indicum

1. Sesame shall be-

- Clean, wholesome, nearly reasonably uniform in size, shape and colour characteristic to the variety.
- Free from obnoxious smell and fungus infestation.

2. Variety.....(to be filled by assayer)**3. Actual Picture of the lot.....(to be uploaded by assayer)****4. Criteria for Range designation**

S.No.	Tradable parameters	Range-1	Range-2	Range-3
A	Essential			
i	Oil Content(% by wt) Min	45.0	40.0	35.0
ii	Moisture(% by wt) Max	5.0	6.0	7.0
iii	Foreign matter(% by wt) Max	1.0	1.5	2.0
vi	Damaged seeds (% by wt) Max	1.0	2.0	3.0
vi	Admixture of other varieties (%by wt) Max	10.0	15.0	20.0
B	Optional (Industrial/Processors)			
i	Total of Immature , shriveled, dead , damaged, discoloured seeds by weight		Not more than 5 percent	

5. Sampling:

- 5 % or minimum one container shall be randomly selected for sampling.
- 250g shall be drawn from each selected container and shall be mixed homogenously, called as primary sample.
- 250g shall be drawn from primary sample called as Laboratory sample.

6. Definitions:

- Foreign matter includes husk, straws, weed seeds, other inedible grains, metallic pieces, sand, gravel, dirt, pebbles, stones, lumps of earth, clay, mud and animal filth etc.
- Damaged seeds are sprouted or internally damaged as a result of heat, microbe, moisture or weather and mechanical injury.
- Admixture means the presence of a variety of the same seed other than the variety in consideration

Optional parameters are voluntary and may be analyzed as per buyer-seller agreement.