

Common Name:

Hindi	English Name	Botanical Name
सौंफ	Fennel seed	Foeniculum vulgare Mill

1.Fennel seed shall be –

- clean, wholesome, 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	Moisture(% by wt) Max	10.0	11.0	12.0
ii	Foreign matter(% by wt) Max	1.5	3.5	4.5
iii	Other edible seeds(% by wt) Max	1.0	1.5	2.0
iv	Damaged/Broken seeds(% by wt) Max	1.5	3.0	4.0
v	Immature/ Shriveled/dicoloured/ blackened seeds (% by count) Max	2.5	4.0	6.0
B	Optional (Industrial/Processors)			
vi	Volatile Oil % (ml/100gm)	2.0	1.5	1.0
vii	Crude Fiber (% by weight)	11.0	13.0	15.0

5. Sampling:

- 5 % or minimum one container shall be randomly selected for sampling
- 100g Nos shall be drawn from each selected container and shall be mixed homogenously, called as primary sample
- 200g 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.
- Other Edible Grains” means any edible grains (including oil seeds) other than the one which is under consideration;
- Damaged Grains means grains that are sprouted or internally damaged as a result of heat, microbe, moisture or weather and mechanical injury.
- Discoloured seeds mean seeds or pieces of seeds that have changed colour as a result of deteriorative changes.
- Immature grains means kernels or pieces of kernels that are not fully developed.

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