

Common Name:

Hindi	English Name	Botanical Name
अरंडी	Castor Seed	Ricinus communis (L)

1. Castor Seed shall be-

- Clean, wholesome, reasonably uniform in size, shape and colour characteristic to the variety
- Free from abnormal flavours, 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	47.0	45.0	40.0
ii	Foreign matter(% by wt) Max	1.5	2.5	3.5
iii	Damaged and discoloured seeds(% by wt) Max	4.0	6.0	7.0
iv	Broken Seeds (% by wt) Max	1.0	2.0	3.0
v	Moisture(% by wt) Max	5.0	6.0	7.0
B	Optional (Industrial/Processors)			
i	Admixture	Not more than 2 percent by weight		
ii	Fotri (Husk)	Not more than 5 percent by weight		

5. Sampling:

- 5 % or minimum one container shall be randomly selected for sampling.
- 250 gm shall be drawn from each selected container and shall be mixed homogenously, called as primary sample.
- 250 gm 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/Discoloured Grains means grains that are sprouted or internally damaged as a result of heat, microbe, moisture or weather and mechanical injury.
- Broken seeds are pieces of sound kernels that are less than three fourths of the size of full kernels.

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