

Common Name: Singhara, Water Caltrop, Paniphal

Hindi	English Name	Botanical Name
सिंघाड़ा / पानीफल	Water Chestnut	Trapa natans, Trapa bispinosa, Trapa quadrispinosa

1. Water chestnut shall be:

- Intact, firm, sound, clean and fresh in appearance;
- Sufficiently developed and display satisfactory maturity and/or ripeness;
- Practically free from pests and damage caused by pests affecting the flesh;
- Free from any foreign smell and/or taste.

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	Primary			
1	Defects (% by count) max: Skin defects (0.5–2.0 sq cm of total surface area)	3	7	10
2	Defects (% by count) max: Moldy and insect damaged nuts	3	5	7
3	Defects (% by count) max: Discolored nuts	2	4	6
	Range Acceptance (%)	95	90	85

5. Sampling:

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

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