

SHELLING PEAS (PEAS PODS)

Common Name : Matar

English Name : Shelling peas

Botanical Name: *Pisum sativum (L)*

Minimum Requirement:

(i) The pods shall be -

- intact, clean and sound, fresh in appearance
- free from of any visible foreign matter, foreign smell, abnormal external moisture including parts of the flowers, pests and damage caused by pests.

(ii) The seeds shall be-

- fresh, sound, normally developed
- free from foreign smell, pests and damage caused by pests



(iii) Pods and seeds shall not be affected by rotting or deterioration such as to make it unfit for consumption.

Criteria for Range:

S.No	Tradable Parameter	Test results	Reference Result		
			Range-I	Range-II	Range- III
1	Parameters		Shelling peas shall be of good quality. They must be characteristic of variety and/or commercial type. The pods shall be:- - fresh and turgid; - free from damage caused by hail; - free from damage caused by heating; - with peduncles attached; if removed it	Shelling peas shall be of good quality. They must be characteristic of variety and/or commercial type. The pods shall be:- - fresh and turgid; - free from damage caused by hail; - free from damage caused by heating; - with peduncles attached; if removed it should be neatly cut;	The pods - - shall be fresh and turgid; - with peduncle attached; if removed it should be neatly cut; - shall contain atleast three seeds; - may be riper than those in Extra class grade, over mature pods

			<p>should be neatly cut;</p> <ul style="list-style-type: none"> - well filled containing at least five seeds. <p>The seeds shall be:-</p> <ul style="list-style-type: none"> - well formed; - tender; - succulent and sufficiently firm, they should become flat without disintegrating when squeezed between to fingers; - at least half of the full grown size but not full grown; - non;- farinaceous; - <p>undamaged without cracks in the skin of the seeds.</p>	<ul style="list-style-type: none"> - well filled containing at least five seeds. <p>The seeds shall be:-</p> <ul style="list-style-type: none"> - well formed; - tender; - succulent and sufficiently firm, they should become flat without disintegrating when squeezed between to fingers; - at least half of the full grown size but not full grown; - non;- farinaceous; - <p>undamaged without cracks in the skin of the seeds.</p>	<p>are to be excluded, the pods may have following defects; provided they retain their essential characteristics as regards the quality, the keeping quality and presentation ;</p> <ul style="list-style-type: none"> - slight skin defects, injuries & bruises provided they are not progressive and there is no risk of the seeds being affected; - slight defects in shape; - slight defects in colouring; - some loss of freshness. <p>Seeds may have-</p> <ul style="list-style-type: none"> - slight defects in shape; - slight defects in colouring; - slightly harder;
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					- slightly damaged.
2	Tolerances Limits		5% by weight of peas not satisfying the requirements of range I, but meeting those of range-II.	10 % by weight of peas not satisfying the requirements of range II, but meeting those of range-III.	10% by weight of peas not satisfying the requirements of range III but meeting the minimum requirements.
3	Uniformity				
4	Luster				
5	Variety				
6	Packaging				

Sampling Plan: (Bags):

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

Sampling Procedure:

The sample collected from each bag should be about 250 gms and will be called as primary sample. All primary samples shall be mixed and will be called as Laboratory Sample. The size of the laboratory sample should be at least 1.0 kg.