

Schedule-XXVIII

(See rule 4)

Grade designations and quality of Fennel (Whole)

Grade Designation	Quality							
Special Characteristics (percent by mass)								
	Organic extraneous matter	Inorganic extraneous matter	Defective seeds		Moisture	Volatile Oil per cent on dry basis (v/w)	Crude fibre on dry basis	Insect damaged matter
			Broken damaged seeds	Immature, shriveled, discoloured, blackened seeds (Maximum)				
	(Maximum)	(Maximum)	(Maximum)		(Maximum)	(Minimum)	(Maximum)	(Maximum)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Special	1.0	0.10	1.0	1.0	10.0	1.75	11.0	0.20
Standard	1.5	0.40	2.0	3.0	12.0	1.0	15.0	0.50
Total Ash on dry basis (Maximum)	Ash insoluble in Dil. Hcl, on dry basis (Maximum)	Edible seeds other than Fennel						
(10)	(11)	(12)						
8.0	1.0	Absent						
10.0	2.0	Absent						
General Characteristics								
(13)								
(1)	Fennel seeds shall be wholesome dried fruits of <i>Foeniculum vulgare</i> P Miller.Var. <i>Vulgare</i> . of family <i>Umbelliferae</i> .							
(2)	It shall have all characteristic odour and a pleasant aromatic flavour characteristic of the Fennel;							
(3)	It shall be free from mustiness ,rancidity and other foreign flavour;							
(4)	It shall be free from added colouring matter and any other harmful substance;							
(5)	It shall be free from mould growth, insect infestation, living and dead insects, insect fragments and rodent contamination;							
(6)	It shall comply with restrictions in regard to Aflatoxins, Heavy Metals, Insecticide or Pesticide residue, naturally occurring toxic substances, Microbial load or other food safety requirements as specified in the Food Safety and Standards (Contaminants, Toxins and Residues) Regulations, 2011 and the Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011 or any other Regulation notified under the Food Safety and Standards Act, 2006 for domestic trade.							
(7)	It shall comply with restrictions in regard to Aflatoxins, Heavy Metals, Insecticide or Pesticide residue, naturally occurring toxic substances, Microbial load or other food safety requirements as specified by the Codex Alimentarius Commission or importing Countries requirements for exports.							

Explanations:

(1) Defective seeds; means;

(a) "Broken damaged seeds" - seeds which are broken or damaged ;

(b) "Immature, shriveled, discoloured and blackened seeds" – seeds which have not developed properly or which have been discoloured or blackened;

(2) "Inorganic extraneous matter" – Such as dust, dirt, stones and lumps of earth.

(3) "Organic extraneous matter" – Such as chaff, stems, straw;

(4) "Insect damaged matter"- The produce internally or partially bored or damaged by pest/insect