



PANAMA NATURE FRESH

QUALITY STANDARDS

SPECIFICATIONS FOR ASH GOURD (PNFPL0001)

Şafed petha (Hindi), Budugumbala kaayi (Kannada), Sambal poosai (Tamil), Budidegummedi (Telugu)

1. GENERAL CHARACTERISTICS

Ash Gourd shall be clean and firm and shall have light green/ash color with round/oblong shape. Ash Gourd shall be free from bruises, natural brown marks, cut/crack, holes or any other damage caused by packing, pressure, handling and mechanical means. Ash Gourd shall not be soft, misshape and over mature and shall be free from insect and disease infestation.

2. SAMPLING PLAN

Sampling plan-D will be followed for sampling and quality inspection of Ash Gourd.

3. GRADES

There shall be two Grades for Ash Gourd viz., Grade-A and Grade-B. The size requirement for these grades shall be as follows

4. SIZE : > 01 kg for both the Grades

5. QUALITY PARAMETERS

DEFECTS	GRADE-A	GRADE-B
CUT/CRACK	Not allowed	Allowed deep cut/crack up to 4 cm long
MECHANICAL DAMAGE	Not allowed	Allowed up to 4 sq. cm. surface area
MISSHAPE	Not allowed	Allowed (slight misshape)
OVER MATURE	Not allowed	Not allowed
MINOR HOLES	Not allowed	Allowed up to 4 holes of <10 mm. dia.
MAJOR HOLES	Not allowed	Allowed up to 2 holes of 10-15 mm dia
BRUISES	Allowed up to 5% surface area	Allowed up to 20% surface area
NATURAL BROWN MARKS	Allowed up to 10% surface area	Allowed up to 20% surface area
UNCLEAN (Muddy)	Not allowed	Not allowed
SOFT/PRESSURE DAMAGE	Not allowed	Not allowed
ROTTING/FUNGAL INFECTED	Not allowed	Not allowed
DISEASED	Not allowed	Not allowed

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6. GRADES AND CRITERIA FOR CHECKING

DEFECTS	GRADE-A			GRADE-B		
	MINOR	MAJOR	SERIOUS	MINOR	MAJOR	SERIOUS
CUT/CRACK	Deep cut/crack up to 2 cm. long	Deep cut/crack >2 cm long	N.A.	Deep cut/crack 4-6 cm. long	Deep cut/crack > 6 cm long	N.A.
MECHANICAL DAMAGE	Up to 2 sq. cm. surface area.	> 2 sq. cm. surface area	N.A.	Up to 4-6 sq. cm. surface area	> 6 sq. cm. surface area.	N.A.
MISSHAPE	Allowed (Slight misshape)	Allowed	N.A.	Allowed (badly misshaped)	N.A.	N.A.
OVER MATURE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
MINOR HOLES	Up to 4 holes of < 10 mm. dia	> 4 holes	N.A.	4-12 holes of < 10 mm. dia.	>12 holes of	N.A.
MAJOR HOLES	Up to 2 holes of 10-15 mm dia.	> 2 holes of >15 mm. dia.	N.A.	2-4 holes of 10-15 mm dia	> 4 holes	N.A.
BRUISES	5-20% surface area	> 20% surface area	N.A.	20-50% surface area	> 50% surface area	N.A.
NATURAL BROWN MARKS	10-20% surface area	> 20% surface area	N.A.	20-50% surface area	> 50% surface area	N.A.
UNCLEAN (Muddy)	Allowed	N.A.	N.A.	Allowed	N.A.	N.A.
SOFT/PRESSURE DAMAGE	Slight soft	Allowed	N.A.	Allowed	N.A.	N.A.
ROTTING/FUNGAL INFECTED	N.A.	N.A.	Up to 1% in a lot	N.A.	N.A.	Up to 2% in a lot
DISEASED	N.A.	N.A.	Up to 1% in a lot	N.A.	N.A.	Up to 2% in a lot

N.A. – Not Applicable

NOTE

1. Percentage of defects allowed or disallowed in a particular grade will be determined based on weight in a sample lot.
2. More than one defect in an individual piece will be considered as major defect.
3. Extent of defect not covered in minor, major & serious categories of Grade A & B means it is allowed in that particular grade.

7. DEFECT & SIZE TOLERANCE (BY WEIGHT)

DEFECT TOLERANCE	GRADE-A	GRADE-B
MINOR DEFECTS	10%	20%
MAJOR DEFECTS	2%	10%
SERIOUS DEFECTS	1%	2%
SIZE TOLERANCE	10%	20%

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