



## QUALITY STANDARDS

### SPECIFICATIONS FOR RAW PAPAYA (PNFPL0018)

Kachha papita (Hindi), Parangi kaayi (Kannada), Pappali (Tamil), Boppayi (Telugu)

#### 1. GENERAL CHARACTERISTICS

Raw Papaya shall be clean, mature, and firm and shall have oval/round shape and green/light green in color. Raw Papaya shall not be misshaped, soft and ripe and shall have attractive look. Raw Papaya shall be free from black/brown spots, bruises and watery patches. Raw Papaya shall be free from sunburn, cut/cracks, holes, soft patches and damage caused by birds, pressure, mechanical and other means. Raw Papaya shall be sound and free from deterioration caused by insects/pests, disease, rotting and fungal infection.

#### 2. SAMPLING PLAN

Sampling plan-C will be followed for sampling and quality inspection of Raw Papaya.

#### 3. GRADES

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

#### 4. SIZE/WEIGHT

	<b>GRADE-A</b>	<b>GRADE-B</b>
<b>Weight (gms)</b>	500-1200	>1200

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## 5. QUALITY PARAMETERS

DEFECTS	GRADE-A	GRADE-B
MISSHAPE	Allowed (Slight misshape)	Allowed
PRESSURE DAMAGE/SOFT	Not allowed	Allowed 5% surface area
RIPE	Not allowed	Not allowed
BRUISES (BLACK/BROWN SPOTS ON SURFACE)	Allowed up to 10% surface area	Allowed up to 20% surface area
NATURAL BROWN MARKS ON SURFACE	Allowed up to 10% surface area	Allowed up to 20% surface area
SUN BURN	Allowed up to 10% surface area	Allowed
CUT/CRACK	Not allowed	Allowed deep cut/ crack up to 2 cm long
MECHANICAL DAMAGE	Not allowed	Allowed up to 2 sq.cm. surface area
INSECT DAMAGE	Not allowed	Not allowed
ROTTING/ FUNGAL INFECTED	Not allowed	Not allowed
DISEASED	Not allowed	Not allowed

## 6. GRADES AND CRITERIA FOR CHECKING

DEFECTS	GRADE-A			GRADE-B		
	MINOR	MAJOR	SERIOUS	MINOR	MAJOR	SERIOUS
MISSHAPE	Allowed	N.A.	N.A.	Allowed	N.A.	N.A.
PRESSURE DAMAGE/SOFT	N.A.	Allowed	N.A.	5-10% surface area	>10% surface area	N.A.
RIPE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
BRUISES (BLACK/BROWN SPOTS ON SURFACE)	10-20% surface area	>20% surface area	N.A.	20-30% surface area	>30% surface area	N.A.
NATURAL BROWN MARKS ON SURFACE	10-20% surface area	>20% surface area	N.A.	20-40% surface area	>40% surface area	N.A.
SUN BURN	Yellow spot 10-20% surface area	Yellow spot >20% surface area	N.A.	N.A.	N.A.	N.A.
CUT/CRACK	Deep cut/crack covering up to 2 cm long	Deep cut/crack >2 cm long	N.A.	Deep cut/crack 2-4 cm long	Deep cut/crack >4 cm long	N.A.
MECHANICAL DAMAGE	up to 2 sq. cm. surface area	>2 sq. cm. surface area	N.A.	2-4 sq. cm. surface area	>4 sq. cm. surface area	N.A.
INSECT DAMAGE	N.A.	Allowed	N.A.	N.A.	Allowed	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

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**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)**

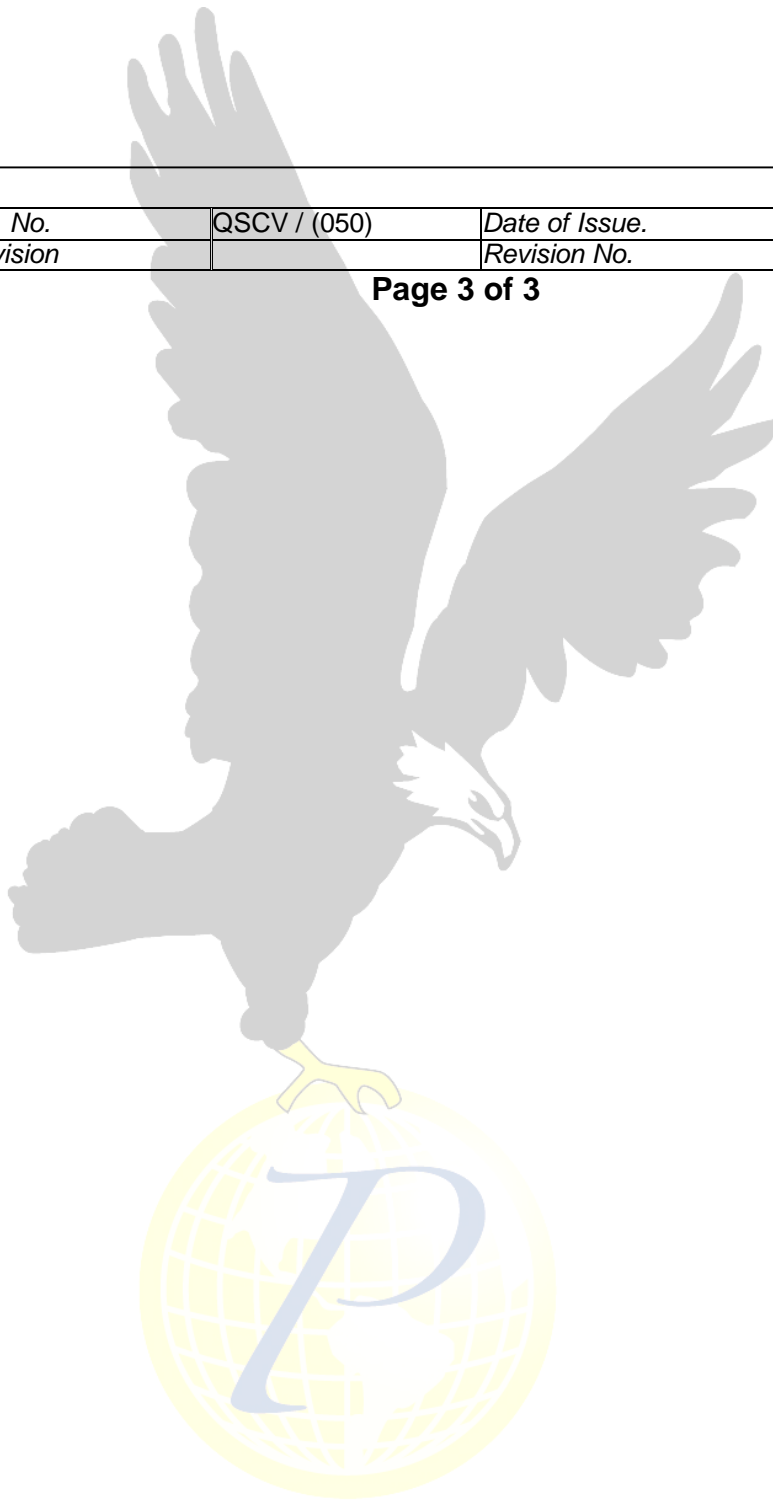
<b>DEFECT TOLERANCE</b>	<b>GRADE-A</b>	<b>GRADE-B</b>
MINOR DEFECTS	10%	20%
MAJOR DEFECTS	2%	10%
SERIOUS DEFECTS	1%	2%
<b>SIZE TOLERANCE</b>	<b>10%</b>	<b>20%</b>

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