



QUALITY STANDARDS

SPECIFICATIONS FOR PAPAYA (PNFPL0009)

Papita (Hindi), Parangi (Kannada), Pappali (Tamil), Boppayi(Telugu)

1.PAPAYA VARIANTS

Papaya (0160010000)

Papaya Solo (0160020000)

2.GENERAL CHARACTERISTICS

Papaya shall be fresh, clean, mature, firm and oval/round shape with light green/yellow color true to its varietal characteristics. Papaya shall be free from cuts/cracks, holes, bruised marks and any type of damage caused by birds, pressure, mechanical and handling means. Papaya shall be sound and free from rotting, fungal infection, insect and disease infestation.

3.SAMPLING PLAN

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

4.GRADES

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

5.SIZE

	GRADE-A (gms)	GRADE-B (gms)	GRADE-C (gms)
PAPAYA	> 1400	700-1400	Any size
PAPAYA SOLO	> 500	< 500	

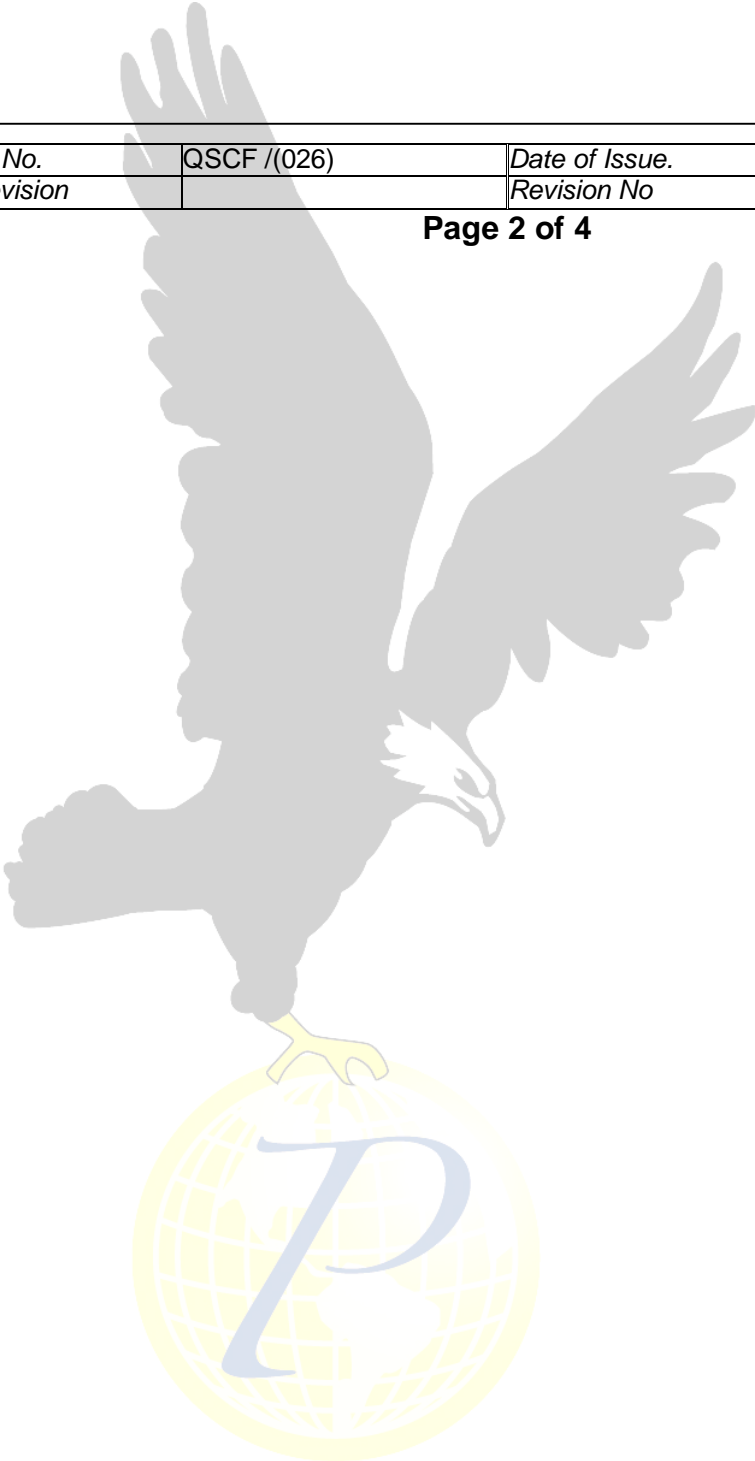
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6. QUALITY PARAMETERS

DEFECTS	GRADE-A	GRADE-B	GRADE-C
MISSHAPE	Not allowed	Allowed (slight misshape)	Allowed
BRUISED MARKS	Not allowed	Allowed upto 10% surface area	Allowed
DAMAGE	Not allowed	Not allowed	Not allowed
SOFT/OVER RIPE	Not allowed	Not allowed	Not allowed
CUT/CRACK	Not allowed	Not allowed	Allowed superficial cut
HOLES	Not allowed	Not allowed	Not allowed
BIRD DAMAGE	Not allowed	Not allowed	Not allowed
INSECT DAMAGE	Not allowed	Not allowed	Not allowed
PACKING DAMAGE	Allowed upto 10% surface area	Allowed upto 20% surface area	Allowed
PRESSURE DAMAGE	Not allowed	Not allowed	Not allowed
IMMATURE	Not allowed	Not allowed	Not allowed
DISEASED	Not allowed	Not allowed	Not allowed
ROTTING/ FUNGAL INFECTED	Not allowed	Not allowed	Not allowed

<i>Document No.</i>	QSCF / (026)	<i>Date of Issue.</i>	01.02.2021
<i>Date of Revision</i>		<i>Revision No</i>	

Page 2 of 4



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7. GRADES AND CRITERIA FOR CHECKING

DEFECTS	GRADE-A			GRADE-B		
	MINOR	MAJOR	SERIOUS	MINOR	MAJOR	SERIOUS
MISSHAPE	Slight misshape	Allowed	N.A.	Allowed	N.A.	N.A.
BRUISE DMARKS	Up to 10% surface area	>10% surface area	N.A.	10-30% surface area	>30% surface area	N.A.
DAMAGE	Up to 2 sq. cm surface area	>2 sq. cm. surface area	N.A.	Up to 3 sq. cm. surface area	>3 sq. cm. surface area	N.A.
SOFT/OVER RIPE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
CUT/CRACK	Deep cut/crack Up to 2 cm. long	Deep cut/crack >2cm long	N.A.	Deep cut/crack up to 3 cm long	Deep cut/crack >3cm. long	N.A.
HOLES	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
BIRD DAMAGE	Covering up to 2 sq. cm surface area	Covering > 2 sq. cm surface area	N.A.	Covering up to 3 sq. cm surface area	Covering > 3 sq. cm surface area	N.A.
INSECT DAMAGE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
PACKING DAMAGE	10-20% surface area	>20% surface area	N.A.	20-50% surface area	>50% surface area	N.A.
PRESSURE DAMAGE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
IMMATURE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
DISEASED	N.A.	N.A.	Up to 1% in a lot	N.A.	N.A.	Up to 2% in lot
ROTTING/ FUNGAL INFECTED	N.A.	N.A.	Up to 1% in a lot	N.A.	N.A.	Up to 2% in lot

<i>Document No.</i>	QSCF /(026)	<i>Date of Issue.</i>
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N. A. – Not applicable

NOTE:

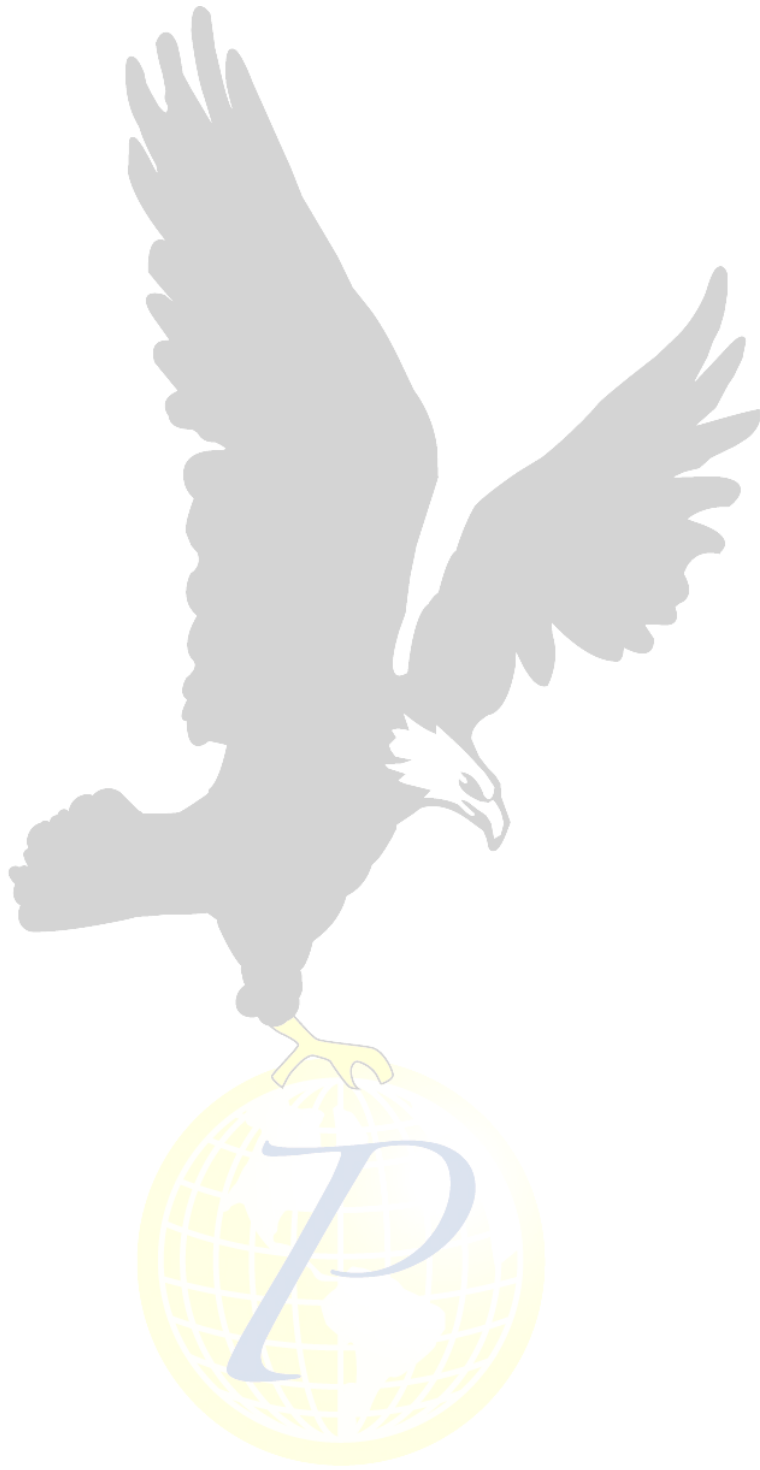
1. Percentage of defects allowed or disallowed in a particular grade will be determined based on weight in a sample lot.
2. More than one defect in an individual piece will be considered as major defect.
3. Extent of defect not covered in minor, major & serious categories of Grade A, B & C means it is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

8. DEFECT & SIZE TOLERANCE (BY WEIGHT)

DEFECT TOLERANCE	GRADE-A	GRADE-B	GRADE-C
MINOR DEFECTS	10%	20%	100%
MAJOR DEFECTS	2%	10%	50%
SERIOUS DEFECTS	1%	2%	5%
SIZE TOLERANCE	10%	10%	N.A.

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