



## QUALITY STANDARDS

### SPECIFICATIONS FOR PLUM (PNFPL0013)

Aaloo Bukhara (Hindi), Albakora Hannu (Kannada), All Pakodda Pazham (Tamil), Alubokharapallu (Telugu)

#### **1.GENERAL CHARACTERISTICS**

Plum shall be clean, firm, and mature and shall have color and shape characteristics of variety. Plum shall be free from cuts/crack, holes, black/brown spots, yellow patches and discoloration. Plum shall not be soft, misshaped and shall be free from damage caused by hail and other means. Plum shall be sound and free from rotting, fungal infection, insect and disease infestation. Plum shall be in semi ripe condition to withstand transport and handling damage so as to reach the final destination in satisfactory condition.

#### **2.SAMPLING PLAN**

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

#### **3.GRADES**

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

#### **4.SIZE**

	<b>GRADE-A</b>	<b>GRADE-B</b>
<b>Diameter (mm)</b>	35-60	30-35

Document No.	QSCF / (030)	Date of Issue.	01.02.2021
Date of Revision		Revision No	
Prepared by (Signature)		Approved by (Signature)	

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**5. QUALITY PARAMETERS**

<b>DEFECTS</b>	<b>GRADE-A</b>	<b>GRADE-B</b>
MISSHAPE	Not allowed	Allowed (slight misshape)
DISCOLORATION	Allowed up to 10% surface area	Allowed
BLACK/BROWN SPOTS ON SURFACE	Not allowed	Allowed up to 5% surface area
SOFT/OVER RIPE	Not allowed	Allowed (slight soft)
HAIL DAMAGE	Allowed up to 10% surface area	Allowed
CUT/CRACK	Not allowed	Not allowed
YELLOW PATCH	Allowed up to 1 sq.cm. surface area	Allowed up to 2 sq.cm. surface area
IMMATURE	Not allowed	Not allowed
INSECT DAMAGE	Not allowed	Not allowed
DISEASED	Not allowed	Not allowed
ROTTING/ FUNGAL INFECTED	Not allowed	Not allowed

**6.GRADES AND CRITERIA FOR CHECKING**

<b>DEFECTS</b>	<b>GRADE-A</b>			<b>GRADE-B</b>		
	<b>MINOR</b>	<b>MAJOR</b>	<b>SERIOUS</b>	<b>MINOR</b>	<b>MAJOR</b>	<b>SERIOUS</b>
MISSHAPE	Allowed (Slight misshape)	Allowed	N.A.	Allowed	N.A.	N.A.
DISCOLORATION	Covering 10-20% surface area	Covering >20% surface area	N.A.	N.A.	N.A.	N.A.
BLACK/ BROWN SPOTS ON SURFACE	Covering up to 1 sq. cm. surface area	Covering >1 sq. cm surface area	N.A.	Covering 5-10% surface area	Covering >10% surface area	N.A.
SOFT/OVER RIPE	Allowed (Slight soft)	Allowed	N.A.	Allowed	N.A.	N.A.
HAIL DAMAGE	Covering 10-20% surface area	Covering >20% surface area	N.A.	N.A.	N.A.	N.A.
CUT/CRACK	Deep cut /crack Up to 2 cm. long	Deep cut/crack >2 cm. long.	N.A.	Deep cut/crack up to 2 cm long	Deep cut/crack > 2 cm. long	N.A.
YELLOW PATCH	1-3 sq.cm. surface area	>3 sq. cm. surface area	N.A.	Covering up to 2-4 % surface area	Covering > 4 % surface area	N.A.
IMMATURE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
INSECT DAMAGE	N.A.	Allowed	N.A.	N.A.	Allowed	N.A.
DISEASED	N.A.	N.A.	Incidental up to 1% in a lot	N.A.	N.A.	Incidental up to 2% in a lot
ROTTING/ FUNGAL INFECTED	N.A.	N.A.	Incidental up to 1% in a lot	N.A.	N.A.	Incidental up to 2% in a lot

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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 and B means it is allowed in that particular grade.

**7. DEFECT & SIZE TOLERANCE (BY WEIGHT)**

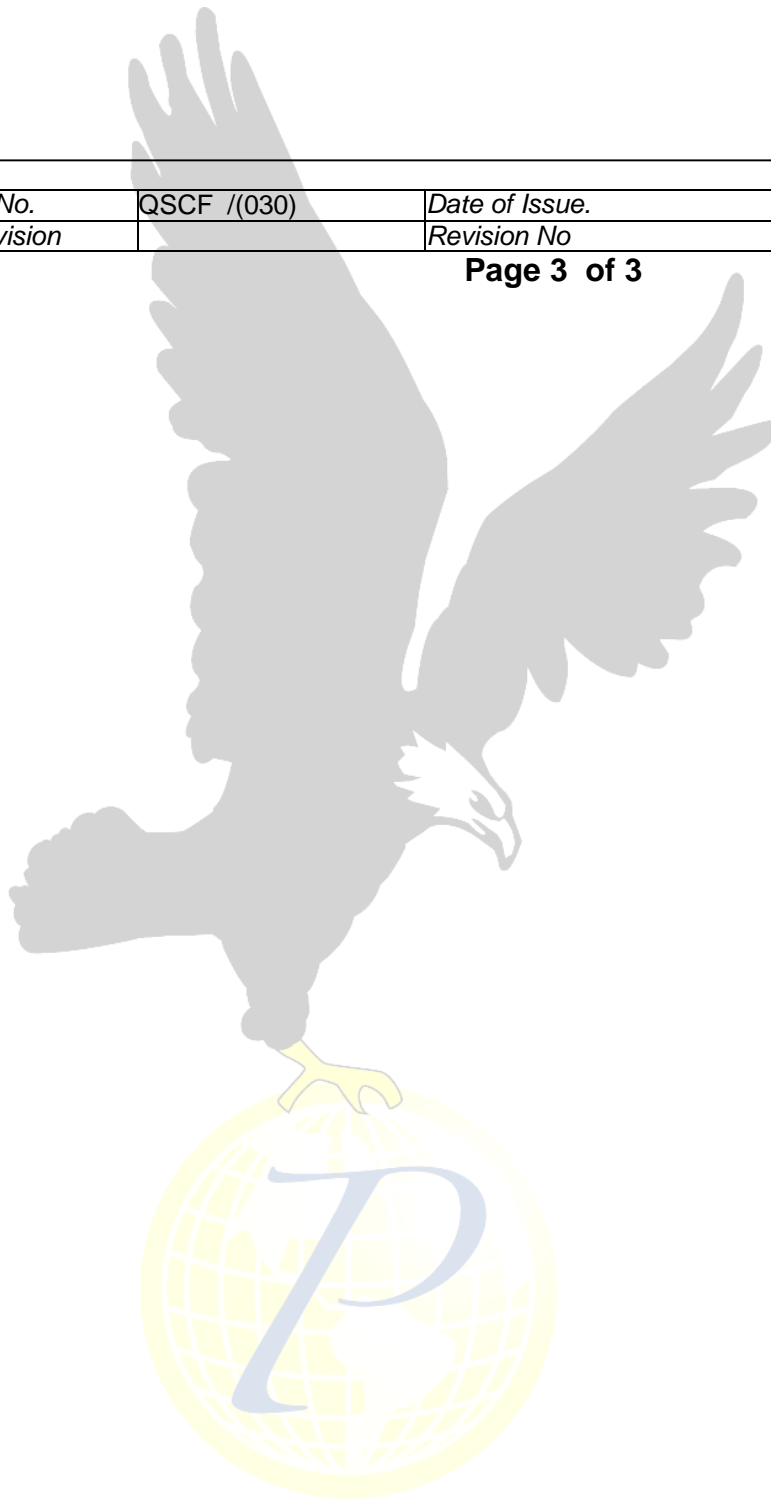
<b>DEFECT TOLERANCE</b>	<b>GRADE-A</b>	<b>GRADE-B</b>
MINOR DEFECTS	10%	20%
MAJOR DEFECTS	2%	10%
SERIOUS DEFECTS	1%	2%
<b>SIZE TOLERANCE</b>	<b>10%</b>	<b>20%</b>



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