



## PINK LADY® MINIMUM INTERNATIONAL QUALITY SPECIFICATIONS AT DESTINATION

CHARACTERISTICS
<b>Approved Varieties:</b> <i>Cripps Pink, Rosy Glow, Lady in Red or Ruby Matilda</i>
<b>Brix:</b> Average of 13% or greater
<b>Colour:</b> Cream-pale green background, covered by greater than <b>60% surface colour (all Asian, Gulf State territories and Russia)</b> or <b>40% surface colour (all other territories)</b> in a continuous block, where surface colour is not interrupted by an area of more than 5 cm <sup>2</sup> . Allow tolerance of 10% for fruit with colour interruption greater than 5 cm <sup>2</sup> . European CTIFL code: B3-B6 for background and minimum I4 for surface
<b>Firmness (Pressure):</b> Minimum average 6.5 kg/cm <sup>2</sup> (14.3 lbs/cm <sup>2</sup> ) or greater. Minimum average at departure 7.0 kg/cm <sup>2</sup> (15.4 lbs/cm <sup>2</sup> ) or greater. Measured with an 11 mm penetrometer
<b>Waxed fruit:</b> Not allowed into European or Gulf State territories

DESCRIPTION OF THE DEFECT AND CLASSIFICATION	
<b>MAJOR DEFECTS</b>	<p><b>May not exceed 1% of sample size as described</b></p> <ul style="list-style-type: none"> <li>▪ Core Rot</li> <li>▪ Decay including <i>Gloeosporium</i>, Bull's eye rot and other fungal developments</li> <li>▪ Internal Browning</li> <li>▪ Scald</li> <li>▪ All defects as defined in EU Regulation No. 543/2011 Annex 1, Part B, Part 1, II, A. when applicable.</li> </ul>
<b>SIGNIFICANT DEFECTS</b>	<p><b>May not exceed 3% of sample size as described</b></p> <ul style="list-style-type: none"> <li>▪ Apple Scab also known as Black Spot, <i>Venturia inaequalis</i>, <i>Fusicladium dendriticum</i> or <i>Spilocaea pomi</i>: When more than three spots of 2 mm diameter on a single fruit</li> <li>▪ Bitter Pit</li> <li>▪ Bruising – major: Greater than 1cm<sup>2</sup> and the flesh is discoloured deeper than 2mm</li> <li>▪ Cracks – major: Open cracks showing the flesh of the apple</li> <li>▪ Greasiness: When fruit is sticky or when fingerprints can be left on the epidermis</li> <li>▪ Hail Marks – major: When skin is injured or flesh is discoloured</li> <li>▪ Insect Damage – major: Fresh unhealed damage or when skin penetration results in flesh discoloration or with evidence of excrement</li> <li>▪ Skin Penetrations such as stalk or mechanical injuries: When two marks greater than 3 mm diameter on a single fruit. European market: Apples must be intact with no skin penetrations</li> <li>▪ Sunburn – major: When flesh is discoloured</li> </ul> <p style="text-align: center;"><b>TOTAL MAJOR + SIGNIFICANT DEFECTS MAY NOT EXCEED 3% OF SAMPLE SIZE</b></p>
<b>MINOR DEFECTS</b>	<ul style="list-style-type: none"> <li>▪ Blemishes such as scars, scratches, rub marks and frost injury: When a single mark is more than 20 mm long and a total area greater than 1 cm<sup>2</sup> on a single fruit</li> <li>▪ Bruising – minor: When bruised area is greater than 1 cm<sup>2</sup></li> <li>▪ Chemical Burn: When surface colour is affected</li> <li>▪ Calyx end cracks – minor: Light healed cracks around greater than half of calyx basin</li> <li>▪ Dirty fruit: Fruit must be clean but dust allowed in lower halves of stem and calyx ends<sup>1</sup></li> <li>▪ Hail Marks – minor: When more than two light marks less than 2 mm diameter on a single fruit and no more than 1 mm depth or 2 mm high</li> <li>▪ Hammering and Ridging: When surface is discoloured</li> <li>▪ Insect Damage – minor: When superficial mark (no skin penetration) with an area greater than 3 mm</li> <li>▪ Lenticel Damage: When more than two spots greater than 1 mm diameter on a single fruit</li> <li>▪ Malformations: When malformations more than 10 mm on a single fruit</li> <li>▪ Net like russet: When rough to touch and surface colour is affected</li> <li>▪ Other defects that mark fruit such as Flyspeck (<i>Schizothyrium pomi</i>) and Sooty Blotch (<i>Gloeodes pomigena</i>): When greater than 1 cm<sup>2</sup> on a single fruit</li> <li>▪ Russet: When extended outside the stem end and calyx basin</li> <li>▪ Sunburn – minor: When surface colour is affected</li> </ul> <p style="text-align: center;"><b>TOTAL MAJOR DEFECTS + SIGNIFICANT DEFECTS + MINOR DEFECTS MAY NOT EXCEED 10% OF SAMPLE SIZE</b></p>

Additional requirement for PinKids® Sub-Brand – Fruit size: 135 grams or smaller

<sup>1</sup> Under EU Regulations: Apples must be practically free of visible soil, dust, residue or other foreign matter. Classified as a major defect.