

Table 1. Tolerances for Defects and Damage in Raw Cashew Kernels

The following tolerances establish the maximum limits for damage and defects in raw cashew kernels. To determine compliance with these tolerances, one should follow the Sampling Plan found in Appendix I, and use established analytical procedures. Tolerances for a lower grade include the kernels defined by the lower grade but not the defects that are specific to the lower grade. Percentages are determined by weight.

	First Quality	Second Quality Scorched	Third Quality Special Scorched	Dessert
Serious Damage				
Insect Damage	0.5%	1.0%	1.0%	1.0%
Mold rancidity, decay, adhering matter	0.5%	1.0%	1.0%	1.0%
Foreign Matter ¹ .	0.01%	0.01%	0.01%	0.01%
Maximum Serious Damage	1.0%	2.0%	2.0%	2.0%
Defects				
Second Quality Scorched	5.0%	B	B	B
Third Quality Special Scorched/	1.5%	5.0%	B	B
Lightly Blemished Wholes	1.5%	5.0%	(*40% Light Brown Speckled)	
Blemished Wholes	0.5%	2.5%	(*60% Brown Speckled)	
Dessert	0.5%	2.5%	7.5%	B ² .
Superficial Damage (scrapes)	1.0%	2.0%	5.0%	B
Adhering Testa ³ .	1.5%	1.5%	1.5%	5.0%
Black Speckled Kernels				0.05%
Maximum Defect Level	8.0%	11.0%	14.0%	(*Maximum speckled for LBW and BW)

¹.The tolerance for foreign matter is in addition to the tolerance for maximum serious damage.

².Dessert quality is the lowest grade but the defects cannot be so severe that the product is not merchantable. A delivery is acceptable provided it is equal or better than the approved pre-shipment sample. Two sealed pre-shipment samples are to be sent to the buyer for approval, one of which shall remain sealed for possible use in settling a dispute on quality at arbitration.

³.A kernel with adhering testa greater than 3mm in diameter is scored twice in determining the percentage of testa.

**Table 2.
Tolerances for Defects and Damages in Small Pieces**

	SP1-SSP1 G1	SP2-SSP2 G2	SP3-SSP3 G3
Serious Damage			
Insect Damage	0.5%	1.0%	1.0%
Mold, rancidity, decay	0.5%	1.0%	1.0%
Foreign Matter ¹ .	0.01%	0.01%	0.01%
Maximum Serious Damage	1.0%	2.0%	2.0%
Defects			
Second Quality Scorched/ Color Variation	5.0%	-	-
Third Quality Special Scorched/ Color Variation	2.0%	5.0%	-
Fourth Quality	0.5%	1.0%	-
Dessert	0.5%	2.5%	10.0%
Superficial Damage (scrapes)	-	-	-
Adhering Testa	3.0%	3.0%	5.0%
Maximum Defect Level	10.0%	10.0%	12.0%

1. The tolerance for foreign matter is in addition to the tolerance for maximum serious damage.

Table 3. Cashew Pieces - Size Descriptions

<u>Grade</u>	<u>Name</u>	<u>Passing through Sieve Number</u>	<u>Retained on Sieve Number</u>
LWP, SP, SPS, DP, P1, P2, P3	large pieces	Tyler No. 2.5 (USA No. 5/16) NMT 50%	Tyler No. 0.25 (USA No. 1/4) opening = 6.3 mm
SWP, SSP, DSP, SP1, SP2, SP3	small pieces	Tyler No. 0.25 (USA No. 1/4) opening = 6.3 mm	Tyler No. 7 (USA No. 7) opening = 2.80 mm
CHIPS, or SSP1, SSP2, SSP3	chips, or special small pieces	Tyler No. 7 (USA No. 7) opening = 2.80 mm	Tyler No. 8 (USA No. 8) opening = 2.36 mm
BB or G1, G2, G3	grains, granules, or baby bits	Tyler No. 8 (USA No. 8) opening = 2.36 mm	Tyler No. 10 (USA No. 12) opening = 1.70 mm
X	fine grains	Tyler No. 10 (USA No. 12) opening = 1.70 mm	Tyler No. 14 (USA No. 16) opening = 1.18 mm
FE	fines	Tyler No. 14 (USA No. 16) opening = 1.18	N/A
P1M, P2M, P3M	mixed pieces	Pass through 6.3 mm Sieve	Retained on a 4.75 mm Sieve

TOLERANCE – For lower grade pieces - 5.0% with not more than 1.0% from the next lower grade size. Further, the grades SWP/SP1, SSP1/Chips, G1/BB, and X must also be reasonably uniform in appearance, that is, with not more than 5.0% from the grade size above.

NB. The grade SSP as used above is a Brazilian grade designation for special small pieces, not to be confused with the Indian grade SSP, “small scorched pieces.”