



## Product Specification

### Chinese Pine Nut Kernels

Product name	Chinese Pine Nut Kernels	
Quality	100% Peeled	
Size	As per each specific variety	
Moisture	3%max.	
Color	As per each specific variety in this hand book	
Broken Kernels	2% max weight basis	
Damaged Kernels	1% max include: Yellow peak, Insect damage, Polluted, Diseased and Immature Kernels (Based on CIQ pine nut kernels concept: SN/T 0788-1999) and Insect Damaged, Polluted, Diseased and Immature Kernels are not exceeding 0.5% among the 1%.	
Loosen Shells	5 pieces in each 12.5 kg bag	
Foreign Material	0.05% max: excluding metals, glasses, hair, stones, foreign objects.	
Free Fatty Acid	1% max IUPAC standard method/ISO 660	
Peroxide Value	5 meq/kg max. AOCS method Cd 8b-90/ISO 3960	
Aflatoxin	4ppb max with B1: less than 2ppb	
Total plate count	100,0 00 cfu/gram max ISO 4833	
Coli Form	1000 cfu/g max	ISO 4831(MPN)/ ISO 4832 (Plate count)
E.Coli	10 cfu/g max	ISO 7251
Salmonella	Negative	ISO 6579
Yeast & Mould	3000 cfu/g max	ISO 7954
Remark	The above mentioned specifications are for category of grade A quality, which is the only export quality to the overseas markets. Others such as mould, rancidity, shrivelled kernels, brown centre kernels, immature kernels, disease, polluted, insect damage kernels are of grade B and grade C qualities. They are not suitable for human consumption.	



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