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## PRODUCT SPECIFICATION NOTES

**REF.** : PIN/69-01  
**PRODUCT** : PINENUT KERNELS  
**ORIGIN** : TURKISH  
**INGREDIENT LIST** : 100% PINE NUT KERNELS

### Physical

*Skinned kernels obtained from crushing pinenuts found in the pine cones. Washed and extra quality. Laser and Colour Scanned, Selected variety.*

Aspect	<i>Homogenous and sound oblong and slightly oval shape</i>
Taste	<i>Typical of fresh product exempt of extraneous back tastes or rancidity</i>
Colour	<i>Ivory</i>
<b>Foreign Matters</b>	
Glass, shells, wood splinters, stones	<i>absent</i>
Metals	<i>absent</i>
Infestations	<i>exempt</i>

### Chemical

Humidity	<i>max. 5-7%</i>
Rancidity test (Kreiss)	<i>negative</i>
Residual pesticides	<i>according to D.M.27.08.2004</i>
Total aflatoxines	<i>max 4 ppb</i>
Aflatoxine B1	<i>max 2 ppb</i>
Number of peroxides	<i>≤1,5 mEq/kg</i>
<b>Heavy metals:</b>	
Cadmium	<i>EC Regulation n.1881/19.12.06</i>
Lead	<i>EC Regulation n.1881/19.12.06</i>

### Microbiological

Total plate count	<i>≤50.000 Ufc/g</i>
Total coliforms	<i>≤ 1000 Ufc/g</i>
Moulds & yeasts	<i>≤ 1000 Ufc/g</i>
E.Coli	<i>≤ 10 Ufc/g</i>
Stafilococco Aureus	<i>≤ 100 Ufc/g</i>
Salmonella	<i>absent in 25/g</i>
Listeria	<i>absent in 25/g</i>

### Storage

Packing	<i>Cartons of 10 Kgs Nett / PP Bags of 25 Kgs Nett</i>
Shelf Life	<i>18 months</i>
Conservation	<i>Dry and cool place</i>