



**SUNRISE
COMMODITIES**
INCORPORATED

Brazilnut Kernels

Country of Origin Brazil, Bolivia, Peru

Description The product shall consist of selected clean, sound shelled brazilnuts of a consistent size. Naturally dried.

Intended Use Human Consumption

Ingredients Brazilnut (100%)

Physical Specification

Size (Count/LBS)	80/110
Medium	110/130
Small	140/160
Midget	160/180
Tinys	180/220
Chipped	Ungraded
Broken	Naturally Broken Kernels
Special Broken	One Third of a Whole Kernel
Shell	Target: 0, Max: 5 pieces per ton
Husk	Target: 0, Max: 10 pieces per ton
Breakage	2% max by weight
Brown Centers	5% max
Fat Diffusion	0% max
Blemishes	5% max
Visible Mold	Absent
Infestation	Absent

Organoleptic Specification

Odor	Free from any off foreign odors
Flavor	They shall be free from an after taste, foreign flavors or staleness.
Texture	Brazilnuts shall have a crisp texture and a clean characteristic flavor and color
Appearance	Even shape, size and color. Off white to pale yellow/brown

Chemical Specification

Moisture	< 4.5%
Aflatoxin	Max 10ppb (B1 Max 5ppb)



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FFA	1% max
PV	10 meq/kg max

Microbiological Specification

Total Bacterial Count	< 50,000 cfu/g
Yeast	< 1,000 cfu/g
Mold	< 1,000 cfu/g
Salmonella	Absent/25g
Coliforms	< 100 cfu/g
E. Coli	< 10 cfu/g

Shelf Life 12 months

Storage Conditions Dry area free from risk of contamination and ingress of moisture

Packaging 44lb or 20kg Food grade Cartons