



Product Specification Sheet: Raw Macadamia Nuts

1. Ingredients

- Macadamia Nuts (100%)

2. Product Characteristics

- Color: White to cream
- Appearance: Free flowing whole/half kernels, pieces, chips
- Texture: Firm and crunchy
- Taste: Characteristic, free of rancid or acid flavor

3. Microbiological Specifications

- Total plate count: <10,000 CFU/g
- Yeast and Mold: <10,000 CFU/g
- Staphylococcus aureus: <100 CFU/g
- Coliforms: <350 CFU/g
- Escherichia coli: Negative
- Salmonella: Negative
- Listeria: Negative

4. Chemical Characteristics

- Moisture: $\leq 1.5\%$
- Acid Value (FFA): $\leq 0.5\%$
- Peroxide Value: ≤ 4 meq/kg
- Aflatoxin B1, B2, G1, G2: ≤ 15 ppb

5. Physical Standards and Tolerances

- Critical foreign materials (metal, glass, wood, etc.): Absent
- Major foreign materials (plastic, fibers): Absent
- Minor extraneous vegetable matter: $\leq 1\text{pc}/100\text{kg}$ max
- Loose shells: $\leq 1\text{pc}/100\text{kg}$ max

6. Grades and Sizes

- Style 0: 20+ mm, 95% wholes, $\leq 2\%$ reject kernels
- Style 1L: 16-20 mm, 95% wholes, $\leq 2\%$ reject
- Style 1S: 13-16 mm, 95% wholes, $\leq 2\%$ reject
- Style 2-7: various mixes of halves, pieces, and chips with $\leq 2\%$ reject

7. Nutrition Information (*Per 100g*)

- Energy: 3068 kJ
- Total Fat: 76.2 g
- Monounsaturated Fat: 61.4 g
- Saturated Fat: 10.3 g
- Polyunsaturated Fat: 0.9 g
- Trans Fat: 0 g
- Protein: 7.6 g
- Carbohydrates: 4.5 g
- Sugars: 4.5 g
- Added Sugars: 0 g
- Calcium: 48 mg
- Iron: 1.8 mg
- Sodium: 3 mg
- Cholesterol: 0 mg
- Vitamin D: 0 mg
- Potassium: 330 mg

8. Shelf Life and Storage

- Shelf life: 24 months from production under proper storage
- Storage: Cool, dry area
- Temperature: 10-15°C (50-60°F)
- Humidity: 50-60% RH

9. Packaging

- Available in the following retail sizes:

1.5 lbs. (24oz)

2 lbs. (32oz)

3 lbs. (48oz)

4 lbs. (64oz)

10. Disclaimers

- GMO Status: Non-GMO
- Vegan: Not derived from animal sources; not tested on animals
- Origin: Kenya and/or Australia