



# IQF SWEET POTATO CHIPS

## FINISHED PRODUCT SPECIFICATION

### Overview

- a. Product is prepared using sound, washed sweet potatoes that have been peeled, trimmed, sliced, blanched, chilled and individually quick frozen.
- b. Flavor and odor should be characteristic of sweet potatoes without any unusual or objectionable odors or flavors.
- c. Frozen pieces are reasonably free flowing

**Ingredient listing:** Sweet Potatoes (no ingredients added)

### Physical Properties

Color:

- Reasonably bright, characteristic yellow-orange color

Size:

- Minimum Diameter: 1.5 inches (38mm)
- Maximum Diameter: 3.5 (89mm)
- Slice thickness: 1/8 inch (3mm)
- <10% by weight partial chips

Defects:

- Practically free of particles of peel, rootlets, fibrous ends and corky areas
- No more than 10% by weight of units with defects.

### Chemical Properties

- a. Brix (Refractometer) >10%
- b. pH (Meter) 5.5 – 6.5
- c. *Allergens:* does not contain any allergens as defined in the Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA) because the facility does not manufacture any allergens or use processing aids containing allergens.
- d. *Pesticides:* Sweet potatoes packaged comply with US regulations regarding pesticide usage and tolerance levels. US Formulas (pesticide residue compliance)

### Microbiological Safety

- a. Standard Plate Count: <5000 cfu/g
- b. Coliforms: <100 cfu/g
- c. Yeast and Mold: <1000 cfu/g
- d. E-Coli: <10 cfu/g
- e. Salmonella: negative/25 grams
- f. Listeria Monocytogenes: negative/25 grams
- g. Staphylococcus: <10 cfu/g



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### Packaging and Labeling

a. Totes:

- Product is packed in poly lined corrugated totes; 800 lbs. per tote
- Tote dimensions are 49" x 41" x 23" (WxLxH)
- Cartons are labeled with the product name, production date code, net weight and Cardinal Foods name

b. OR Customer specified packaging

### Storage and Handling

a. Required Storage and Transport: Less than 10°F

b. Shelf life (Best if used by date): 24 months

c. Consumer Safe Handling Instructions: Keep frozen, do not thaw. Cook thoroughly to a temperature of 165°F (74°C)

**Country of Origin:** USA

**Kosher:** Certified Kosher Pareve by Chabad Center of Raleigh

**GMO:** Product is GMO free

**Nutrition Information** (per 100 grams, from USDA database for standard reference)

Nutrient	Value	Units	Nutrient	Value	Units
Calories	96	kcal	Vitamin B6	0.177	mg
Protein	1.71	g	Vitamin C	13.3	mg
Carbohydrates	22.22	g	Vitamin E	0.48	mg
Sugars Total	8.45	g	Folate	21	µg
Dietary Fiber	1.7	g	Vitamin D	0	IU
Fat	0.18	g	Vitamin B12	0	µg
Fatty Acids unsaturated	0.007	g	Calcium	37	mg
Fatty Acid saturated	0.039	g	Iron	0.53	mg
Fatty Acid polyunsaturated	0	g	Magnesium	22	mg
Fatty Acid trans	0	g	Phosphorus	45	mg
Cholesterol	0	mg	Potassium	365	mg
Vitamin A	10367	IU	Sodium	6	mg
Thiamin B1	0.067	mg	Zinc	0.31	mg
Riboflavin B2	0.051	mg	Water/Moisture	74.89	g
Niacin	0.597	mg	Caffeine	0	mg