



# PURE GROUND

## PRODUCT SPECIFICATION SHEET ORGANIC FENNEL SEED

Product Name:	Organic Fennel Seed
Botanical Name:	<i>Foeniculum vulgare</i>
Plant Part:	Seed
Country of Origin:	Egypt
Packaging:	Paper bag with food-grade plastic liner or box with food-grade poly bag
Expiration/Storage:	2 years providing the material is stored in a cool setting, free of direct sunlight
Compliance:	Compliant to USDA NOP Organic standard
Extraneous Matter:	< 1%

### PHYSICAL STANDARDS

Appearance:	Oblong shape, about 3-4 mm long, light brown-color with fine vertical stripes over their surface	
Aroma:	Sweet-fruity aroma	
Flavor:	Characteristic	
Sieve Size:	Whole-WH	
Sieve Size:	Cracked-CR	95% at -10/+40
Sieve Size:	Tea Cut-TC	95% at -14/+40
Sieve Size:	Powder-PW	95% at -40

### MICROBIOLOGICAL STANDARDS

	<u>LIMIT/RANGE</u>
Total Plate Count	Less than 10,000,000 CFU/g
Coliforms	Less than 10,000 CFU/g
E. Coli	Less than 10 CFU/g
Yeast	Less than 50,000 CFU/g
Mold	Less than 50,000 CFU/g
Salmonella	Negative /125g

### CHEMICAL STANDARDS

	<u>LIMIT/RANGE</u>
Lead (Pb)	< 5 ppm
Arsenic (As)	< 5 ppm
Cadmium (Cd)	< 2 ppm
Mercury (Hg)	< 1 ppm
Heavy Metals Combined Total	<10 ppm
Pesticide Residue	Not Detected