

	<b>PRODUCT SPECIFICATION</b>	Specification No.: GPUS1352
	<b>Organic Black Pepper Cracked</b>	Version: 02

### Product Identification

Product	:	<b>Organic Black Pepper Cracked</b>	
Ingredient	:	Black Pepper, Dried, Fruit of tropical vine of the family Piperaceae (Piper Nigrum L)	
Olam Sample Code	:	GPUS1352	Customer ref: 750013400
Treatment	:	Steam Treated (HTST)	

Physical Characteristics	Target	Unit	Method
Particle size	5% on 25# (0.71mm)	% w/w, max	ASTA 10.0
	5% thru 60# (0.25mm)	% w/w, max	ASTA 10.0
Aroma	Sharp, Penetrating, Pungent		
Color	Dark Brown to Speckled Blackish Gray		

Chemical Characteristics	Target	Unit	Method
Moisture	12.0	% v/w, max	ASTA 2.0
Volatile oil	1.0	% v/w, min	ASTA 5.0
Piperine	4.0	% w/w, min	ASTA 12.1
AIA	1.5	% w/w, max	ASTA 4.0
Total Ash	7.0	% w/w, max	ASTA 3.0

Microbiological Characteristics	Target	Unit	Method
TPC	50,000	cfu/g, max	FDA BAM
Salmonella	Negative	/375g	FDA BAM
E.coli	Negative	cfu/g	FDA BAM
Coliforms	50	cfu/g, max	FDA BAM
Yeast & Mold	100	cfu/g, max	FDA BAM

Mycotoxins (Screening test)	Target	Unit	Method
Ochratoxin A	15.0	ppb, max	AOAC 2007 (2000.03)
Aflatoxin B1	5.0	ppb, max	ASTA 24.2
Aflatoxin Total (B1, B2, G1, G2)	10.0	ppb, max	ASTA 24.2

### Packing

- 50Lbs, Packing
1. Kraft paper bag with Blue PET liner
  2. PA bag with Corrugated carton box (5 plies)

### Health and Safety

This product is certified organic in accordance with general guidelines established by the USDA National Organic Program.

The product is manufactured, packaged, stored and shipped in accordance with Global Standard Food Safety (BRC, ISO 22000).

The product is considered 'KOSHER' under the criteria established by the Union of Orthodox Jewish Congregations of America.

The product is free from GMO and Purposeful Irradiation. The product is free of Allergens.

### Storage and Shelf-Life

Storage Recommendation: Product should be stored in cool and dry place at ambient temperature.

Best before: 2 Years (24Months)

### Abbreviations

v/w: volume/weight	w/w: weight/weight	cfu/g: colony forming units / gram
ppb: parts per billion	AIA: Acid Insoluble Ash	

Specification status	Date of issue	Next Review	Retain Until	Page 1 of 1
Approved	3-Jul-20	3-Jul-23	3-Jul-26	