

	<b>PRODUCT SPECIFICATION</b>	Specification No.: WPUS042
	<b>Organic Whole White Pepper</b>	Version: 02

### Product Identification

Product	:	<b>Organic Whole White Pepper</b>	
Ingredient	:	Piper Nigrum L	
Olam Sample Code	:	WPUS042	Customer ref: 750111400
Treatment	:	Steam Treated (HTST)	

Physical Characteristics	Target	Unit	Method
Foreign matter	: 0.2	% w/w, max	ASTA 14.0
Black berries	: 3.0	% w/w, max	ASTA 14.0
Broken berries	: 2.0	% w/w, max	ASTA 14.0
Aroma	:	Sharp, Penetrating, Pungent	

Chemical Characteristics	Target	Unit	Method
Moisture	: 12.5	% v/w, max	ASTA 2.0
Volatile oil	: 2.0	% v/w, min	ASTA 5.0
Piperine	: 5.0	% w/w, min	ASTA 12.1
AIA	: 0.3	% w/w, max	ASTA 4.0
Total Ash	: 3.5	% 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, max	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

- 50 Lbs, Packing
1. Kraft paper bag inner laminated.
  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	03-Jul-20	03-Jul-23	03-Jul-26	

*Electronic Copy no signature required.*