



ORGANIC BLACK PEPPER TGSEB - STEAM TREATED

Botanical Name: <i>Piper nigrum</i> L.	Issue No: 6	Product code : BPTGSEB 03
Control body : 100% Organic, Control Union	Issue date: 03-07-2016	
Certification : BioSuisse, JAS, USDA-NOP, NPOP Demeter, Fairtrade, Naturland, Naturlandfair, Organic Korea (EFAPA & FIPA), EU Regulation, EC No, 834/2007 & 889/2008	Packaging/Storage:-- Best kept dry and cool at 70° F & 60% RH. Packed 25Kg net in Paper bags with polythene liner inside.	
Origin : INDIA		

Product Description: Produced by sun drying unripened matured berries of *Piper nigrum* L. and graded Using 4750 microns Sieves. Complies with USFDA, ASTA & EU standards.

Cleanliness:

Excreta, Mammalian (mg/lb)	1 (Max)
Excreta, Non-Mammalian (mg/lb)	2 (Max)
Extraneous Matter (% w/w)	1 (Max)
Insect Defiled/Infested (% w/w)	1 (Max)
Insects, Whole Dead (count)	2 (Max)

Physical Characteristics:

Appearance	Spherical with wrinkles
Color	Dark brown to black
Bulk Density	560g/1000ml +/-20
Berry Size	4750 microns (Min)
Light berries	2% (Max)
Water activity (aW)	0.65 (Max)

Organoleptic Characteristics:

Aroma	Typical aromatic, Spicy
Flavor	Hot biting and very pungent

Chemical Properties and Limits:

Volatile Oil	2% (Min)
Moisture	11.0%(Max)
Total ash	7.0%(Max)
Acid Insoluble Ash	1.5 %(Max)

Microbiological & Mycotoxin Properties:

Property	Maximum Limit
E. coli	<3 MPN/g
Coliforms	<30 MPN/g
Salmonella	Absent in 25 g
Yeast & Mould	< 100 cfu /g
Aflatoxin	B1 <5 ppb
	(B1+B2+G1+G2) <10ppb

Pesticides & Fumigants: None, **Metal Detection Limit:** Fe <2mm, Non Fe <2.5mm, SS <3mm.
The product is free from GMO, not irradiated and does not contain any additives or preservatives.

Issued by: Asst. Manager QA

Approved by: Joint Director

Signature:

Signature:

(A Unit of Peermade Development Society)