

PRODUCT SPECIFICATION

ORGANIC BLACK PEPPER MEDIUM GROUND - STEAM TREATED

Botanical Name : <i>Piper nigrum</i> L.	Issue No: 6 Issue date: 03-07-2016	Product code : BPMG 005
Control body : 100% Organic, Control Union Certification : BioSuisse, JAS, USDA - NOP, Demeter, Fairtrade, NPOP, 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 cracking dried berries of *Piper nigrum* L. Complies with USFDA, ASTA & EU standards.

Physical Characteristics

Granulation	95 % Pass through on 20 mesh 95 % Retention on 60 Mesh
Color	Black outside with white to cream center
Water activity(aW)	0.65 (Max)

Organoleptic Characteristics

Aroma	Typical aromatic, Spicy.
Flavor	Hot biting and very pungent.

Chemical Properties and Limits

Volatile Oil	1.5% (Min)
Moisture	11.0 % (Max)
Total ash	7.0 % (Max)
Acid Insoluble Ash	0.5 % (Max)


Microbiological & Mycotoxin Properties

Property	Maximum Limit
E. coli	< 3 MPN/g
Coliforms	< 50 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

Signature: 

Approved by: Joint Director

Signature: 

(A Unit of Peermade Development Society)