

**ORGANIC TURMERIC WHOLE – STEAM TREATED (<3% Curcumin)**

<b>Botanical Name :</b> <i>Curcuma Longa</i> . <b>Control body :</b> 100% Organic, Control Union <b>Certification :</b> BioSuisse,JAS,USDA-NOP, NPOP Demeter, Fairtrade, Naturland, Naturlandfair, Organic Korea (EFAPA& FIPA), EU Regulation, EC No, 834/2007& 889/2008  <b>Origin :</b> INDIA	<b>Issue No:</b> 6 <b>Issue date:</b> 03-07-2016	<b>Product code:</b> TW 002
	<b>Packaging/Storage:--</b> Best kept dry and cool at 70° F & 60% RH. Packed 25Kg net in Paper bags with polythene liner inside.	

**Product Description:** Washed, boiled and dried rhizome of organic *Curcuma longa L.*  
Complies with USFDA, ASTA & EU standards.

**Cleanliness**

<b>Excreta, Mammalian (mg/lb)</b>	5 (Max).
<b>Excreta, Non-Mammalian (.mg/lb)</b>	5 (Max).
<b>Extraneous Matter ( % w/w)</b>	0.5 (Max).
<b>Insect Defiled/Infested ( % w/w)</b>	2.5 (Max).
<b>Insects, Whole Dead ( count)</b>	3 (Max).
<b>Visual mold ( % w/w)</b>	3 (Max).

**Physical Characteristics:**

<b>Color</b>	Deep orange to yellow
<b>Appearance</b>	Dried whole fingers
<b>Water activity (aW)</b>	0.65 (Max)

**Organoleptic Characteristics:**

<b>Aroma</b>	Pleasant and slightly sweet
<b>Flavor</b>	Slightly bitter

**Chemical Properties and Limits:**

<b>Volatile Oil</b>	2.5 % (Min)
<b>Curcumin</b>	<3.0 %
<b>Moisture</b>	10.0 % (Max)
<b>Total ash</b>	8.0 % (Max)
<b>Acid Insoluble Ash</b>	2 % (Max)

**Microbiological & Mycotoxin Properties:**

Property	Maximum Limit
<b>E. coli</b>	< 30 MPN/g
<b>Coliforms</b>	< 50 MPN/g
<b>Salmonella</b>	Absent in 25 g
<b>Yeast &amp; Mould</b>	< 100 cfu /g
<b>Aflatoxin B1 (B1+B2+G1+G2)</b>	<5 ppb <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)