

SPECIFICATION

Product Name	Ginger Root extract 4:1
Botanical Latin Name	<i>Zingiber officinale</i>
Plant Part	Root
Carrier	Maltodextrin(15%-20%)

Item	Specification	Test Method
Physical and Chemical Control		
Appearance	Brown powder	Visual
Odor&Taste	Characteristic	Organoleptic
Extract Ratio	4:1	TLC
Particle Size	95% pass 80 mesh	80 Mesh Sieve
Identification	Positive	TLC
Loss on Drying	≤5.0%	Ph. Eur. 2.2.32
Ash Content	≤5.0%	Ph. Eur. 2.4.16
Heavy Metals		
Heavy Metals	≤10ppm	ICP-MS
Lead(Pb)	≤1ppm	ICP-MS
Arsenic (As)	≤1ppm	ICP-MS
Mercury(Hg)	≤0.1ppm	ICP-MS
Cadmium(Cd)	≤1ppm	ICP-MS
Microbiology Control		
Total Plate Count	≤1,000cfu/g	Ph. Eur. 2.6.12
Total Yeast & Mold	≤100cfu/g	Ph. Eur. 2.6.12
E.coli	Negative	Ph. Eur. 2.6.13
Salmonella	Negative	Ph. Eur. 2.6.13
Staphylococcus	Negative	Ph. Eur. 2.6.13
General Status	Non-GMO,Allergen Free,Non-Irradiation, BSE-TSE.	
Packaging	Packed in paper-drums and two plastic-bags inside,25kg/Drum.	
Storage	Keep in cool & dry place. Stay away from strong light and heat.	
Shelf life	Two years when stored properly	