

## PRODUCT SPECIFICATION

<b>INCI/Botanical Name</b>	<b>ZINGIBER OFFICINALIS +PIPER NIGRUM +PIPER LONGUM</b>	<b>Date of Expiry</b>	03 Years
<b>Product Name</b>	Trikatu Extract	<b>Extraction Type</b>	Solvent Extraction
<b>Report No</b>	ZPP/HK/005/23	<b>Extraction Ratio</b>	10:1
<b>Parts of Plant</b>	Fruit	<b>Origin</b>	India
<b>Cas No</b>	93164-81-9	<b>HSN Code</b>	13021919
TEST	SPECIFICATION	METHOD	
<b>A. Physical Parameters:</b>			
<b>Appearance</b>	Fine powder	Visual	
<b>Color</b>	Light brown to brown color	Visual	
<b>Odour</b>	Characteristic	Organoleptic	
<b>Taste</b>	Characteristic	Organoleptic	
<b>Identification</b>	Positive	TLC	
<b>Loss on Drying (At 105°C)</b>	NMT 7.0% w/w	USP 731	
<b>pH (1% Aqu. Sol<sup>n</sup>.)</b>	Between 2.0 to 7.0	USP 786	
<b>Water Soluble Extractive</b>	NLT 80% w/v	USP 561	
<b>B. Heavy Metals:</b>			
<b>Lead</b>	NMT 10.0 ppm	ICP-OES	
<b>Mercury</b>	NMT 1.0 ppm	ICP-OES	
<b>Arsenic</b>	NMT 3.0 ppm	ICP-OES	
<b>Cadmium</b>	NMT 0.3 ppm	ICP-OES	
<b>C. Microbiological Test:</b>			
<b>Total plate count</b>	NMT- 10000 cfu/gm	USP	
<b>Total yeast &amp; mould count</b>	NMT- 1000 cfu/gm	USP	
<b>Total Coliform</b>	NMT 10 cfu/gm	USP	
<b>E. coli / 10 gm</b>	Absent	USP	
<b>Salmonella/ 25 gm</b>	Absent	USP	
<b>Staphylococcus</b>	Absent	USP	
<b>D. Mycotoxin:</b>			
<b>Aflatoxin (B1+B2+G1+G2)</b>	---	USP 561	
<b>Residual Pesticides</b>	---	USP 561	
<b>E. Other:</b>			
Standard Packing: 25 Kg in single HDPE Container.			
The material is free from Allergens / GMO/ BSE - TSE.			
The material is not tested on animals.			
The material is non-irradiated & not treated with ETO.			
The above material complies with in-house specifications.			
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ° C.			
The Product Is of Herbal Origin. There May Be Minor Color Difference Due To Geographical and Seasonal Variation of the Plant Material.			

**Note: This Is Computer Generated Specification & Does Not Require A Physical Signature.**

