

## PRODUCT SPECIFICATION

<b>INCI/Botanical Name</b>	<i>ADHATODA VASICA</i>	<b>Date of Expiry</b>	03 Years
<b>Product Name</b>	Malabar Nut Extract	<b>Extraction Type</b>	Solvent Extraction
<b>Report No</b>	AV/OHZ/23-01/23	<b>Extraction Ratio</b>	5:1
<b>Parts of Plant</b>	Leaf	<b>Origin</b>	India
<b>Cas No</b>	90063-77-7	<b>HSN Code</b>	13021919
TEST	SPECIFICATION	METHOD	
<b>A. Physical Parameters:</b>			
<b>Appearance</b>	Fine powder	Visual	
<b>Color</b>	Dark to light brown color	Visual	
<b>Odour</b>	Characteristic	Organoleptic	
<b>Taste</b>	Characteristic	Organoleptic	
<b>Identification</b>	Complies	TLC	
<b>Solubility</b>			
<b>Water Soluble Extractive</b>	NLT 70% w/v	USP 561	
<b>Alcohol Soluble Extractive (50%)</b>	NLT 60% w/v	USP 561	
<b>pH</b>	Between 4.0 to 7.0	USP 791	
<b>Loss on Drying (At 105<sup>0</sup>C)</b>	NMT 8.0% w/w	USP 731	
<b>Bulk Density</b>			
<b>Tapped</b>	NLT 0.350 gm/ml	USP 616	
<b>Untapped</b>	NLT 0.250 gm/ml	USP 616	
<b>Particle Size (40 Mesh)</b>	NLT 95% w/w	USP 786	
<b>B. Active Ingredients:</b>			
<b>Alkaloid</b>	NLT 0.15% w/w	Gravimetric	
<b>C. Heavy Metals:</b>			
<b>Lead (PB)</b>	NMT 2.0 ppm	AOAC	
<b>Arsenic (AS)</b>	NMT 3.0 ppm	AOAC	
<b>Cadmium (CD)</b>	NMT 0.3 ppm	AOAC	
<b>Mercury (HG)</b>	NMT 0.1 ppm	AOAC	
<b>D. Microbiological Test:</b>			
<b>Total Plate Count</b>	NMT 1000 cfu/g	FDA BAM	
<b>Total Yeast &amp; Mold Count</b>	NMT 100 cfu/g	FDA BAM	
<b>Escherichia coli</b>	Absent	FDA BAM	
<b>Salmonella</b>	Absent	FDA BAM	
<b>E. Mycotoxin:</b>			
<b>Aflatoxin (B1+B2+G1+G2)</b>	---	USP 561	
<b>Residual Pesticides</b>	---	USP 561	
<b>F. 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.**

