

## PRODUCT SPECIFICATION

<b>INCI/Botanical Name</b>	<b>FAGOPYRUM TATARICUM</b>	<b>Date of Expiry</b>	03 Years
<b>Product Name</b>	Bitter Buckwheat Extract	<b>Extraction Solvent</b>	Water
<b>Report No.</b>	FT/CH/ND3225/23	<b>Extraction Ratio</b>	---
<b>Parts of Plant</b>	Seed	<b>Origin</b>	India
<b>Cas No</b>	85251-63-4	<b>HSN Code</b>	13021919
TEST		SPECIFICATION	
METHOD			
<b>A. Physical Parameters:</b>			
<b>Appearance</b>	Free flowing fine powder	Visual	
<b>Color</b>	Off white to light yellow	Visual	
<b>Odour</b>	Characteristic	Organoleptic	
<b>Taste</b>	Characteristic	Organoleptic	
<b>Loss on Drying (At 105<sup>0</sup>C)</b>	NMT 8.0% w/w	USP 731	
<b>Particle Size (40 to 80 Mesh)</b>	NLT 95.0% w/w	USP 786	
<b>Ash Content</b>	NMT 5.0% w/w	USP 281	
<b>Acid Insoluble Ash</b>	NMT 10.0% w/w	USP	
<b>B. Active Ingredients:</b>			
<b>Flavonoids</b>	NLT 20.0% w/w	UV-Visible	
<b>C. Heavy Metals:</b>			
<b>Lead (PB)</b>	NMT 3.0 ppm	ICPMS-OES	
<b>Arsenic (AS)</b>	NMT 1.0 ppm	ICPMS-OES	
<b>Cadmium (CD)</b>	NMT 0.3 ppm	ICPMS-OES	
<b>Mercury (HG)</b>	NMT 0.1 ppm	ICPMS-OES	
<b>D. Microbiological Test:</b>			
<b>Total Plate Count</b>	NMT 10000 cfu/g	USP 2021	
<b>Total Yeast &amp; Mold Count</b>	NMT 100 cfu/g	USP 2021	
<b>Escherichia coli</b>	Absent	USP 2022	
<b>Salmonella</b>	Absent	USP 2022	
<b>Pseudomonas aeruginosa</b>	Absent	USP 2022	
<b>Staphylococcus aureus</b>	Absent	USP 2022	
<b>E. Mycotoxin:</b>			
<b>Aflatoxins (B1+B2+G1+G2)</b>	---	USP 561	
<b>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.**

