



PRODUCT SPECIFICATION

PRODUCT NAME: Ube Powder
ORIGIN: China

GENERAL PRODUCT INFORMATION	
PARAMETER	DETAIL/ DESCRIPTION
Botanical Name	<i>Dioscorea alata</i> L.
Shelf Life	24 months from manufacture date in un-opened packaging.
Storage Requirement	Store at a dry and cool place away from heat or direct sunlight. Store at a temperature below 20 degrees Celsius.
Product Description	Ube powder is a fine, purple powder made from <i>Dioscorea alata</i>, also known as purple yam, a traditional tuber crop widely used in Filipino cuisine. It has a natural bright purple color, a mild, sweet, and nutty flavor, and is rich in anthocyanins and nutrients. Ube powder is easy to store and use, often applied in baking, desserts, and drinks, such as ube halaya, ube cookies, ube ice cream, halo-halo, and bread. As a natural coloring and flavoring ingredient, ube powder is popular in Asian and Western desserts for bringing attractive color and unique taste.
Dietary Suitability	Suitable for vegans and vegetarians

PHYSICAL CHEMICAL PARAMETER	
PARAMETER	SPECIFICATION
Appearance	 Purple Red Fine Powder
Color	Having the color that this product should have (Purple)



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Odour	Characteristic
Taste	Characteristic
Moisture	≤10.0%
Particle Size	80% pass 80 mesh
Total ash	≤3.0%
Sand content	≤0.04

PROCESSING PARAMETER	
PARAMETER	DETAIL/ DESCRIPTION
Ingredient	100% Ube Powder
Process Flow	Raw material inspection → Cleaning & peeling → Sorting & trimming→ Slicing → Color protection treatment → Hot air / low temperature drying → Coarse crushing → Ultrafine grinding → Sieving & screening → Mixing & homogenization → Metal detection → Laboratory quality inspection → Sterilization → Packaging & filling → Finished product warehousing

**Drying temperature of purple yam: controlled at 50–65°C in sections, max temperature not exceed 70°C, to prevent discoloration and mold contamination.*

HEAVY METALS PARAMETER	
PARAMETER	SPECIFICATION
Total Heavy Metals	≤ 10 ppm
Arsenic (As)	≤ 2 ppm
Cadmium (Cd)	≤ 2 ppm
Mercury (Hg)	≤ 0.5ppm
Lead (Pb)	≤ 2 ppm

MICROBIOLOGICAL PARAMETER	
PARAMETER	SPECIFICATION
Total Plate Count	≤1000 cfu/g
Yeast and Moulds	≤100 cfu/g
E. Coli.	Negative
Staphylococcus	Negative
Salmonella sp	Negative



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NUTRITIONAL DATA (30g)	
PARAMETER	VALUES (30g)
Energy	110 kcal
Total Fat	0 g
<i>Of which Saturated fat</i>	<i>0 g</i>
Total Carbohydrate	26 g
<i>Of which Sugar</i>	<i>2 g</i>
Dietary Fiber	3 g
Protein	1 g
Sodium	25 mg
Calcium	26 mg
Iron	1.08 mg

ALLERGEN INFORMATION	
ALLERGEN	STATUS
Celery and products thereof.	Absent
Mustard and products thereof.	Absent
Sesame seeds and products thereof.	Absent
Sulfur dioxide and Sulphites.	Absent
Tartrazine and products thereof.	Absent
Molluscs and products thereof.	Absent
Lupin and products thereof.	Absent
Crustaceans and products thereof.	Absent
Eggs and products thereof.	Absent
Fish and products thereof.	Absent
Peanuts and products thereof.	Absent
Milk and products thereof (including lactose)	Absent
Cereals containing gluten, namely: wheat (such as spelt and khorosan wheat), rye, barley, oats or their hybridized stains, and products thereof	Absent



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Soybeans and products thereof. Except: Vegetable oil derived phytosterols and phytosterol esters from soybean sources; plant stanol ester produced from vegetable oil sterols from soybean sources, not considered as major allergens.	Absent
Nuts, and products thereof. (Almonds/ <i>Amygdalus communis</i> U <i>Prunus dulcis</i>) , Hazelnuts (<i>Cory/us spp</i>), Walnuts (<i>Jug/ans spp</i>), Cashews (<i>Anacardium occidentale</i>), Pecan nuts (<i>Carya illinoiesis</i> (Wangenh.) K. Koch), Hickory nut (<i>Carya spp</i>), Brazil nuts (<i>Berfholletia excelsa</i>), Pistachio nuts (<i>Pistacia vera</i>), Macadamia nuts and Queensland nuts (<i>Macadamia spp</i>), Beach nut (<i>Fagus spp</i>), Butternut (<i>Jug/ans cinerea</i>) Chestnut (<i>Catanea spp</i>), Chinquapin (<i>Castanea pumila</i>), Coconut (<i>Cocos nucifera</i>), Ginko nut (<i>Ginkgo biloba L.</i>),Litchee nut (<i>Litchi chinensis</i>), Pine I pinon nut (<i>Pinus spp</i>), Sheanut (<i>Vitellaria paradoxa</i>)).	Absent

DECLARATIONS:

On Genetically Modified Organisms [GMO]

All products supplied by Impact Foods International are GMO FREE [does not contain any Genetically Modified Organisms GMO] and conforms with EU Regulation EC No. 1829/2003 and EC No.1830/2003.

On Irradiation & ETO

The product has not been submitted to irradiation treatment according to Directive 1999/2/EC, 1999/3/EC concerning foods and food ingredients treated with ionizing radiation and is not ETO treated.

On BSE/TSE

BSE and TSE free.

On Sterilization Method

The product mentioned above has been sterilized by Heat.

On Gluten Free

The product mentioned above is gluten free.

Other Details

The specification is based on the information of our suppliers. We recommend proofing the suitability of our product by own tests.