



## Technical Data sheet

**Product Name:** Black Rice Extract  
**Botanical source:** Oryza sativa  
**Active ingredients:** Anthocyanidins  
**Specification:** 25% (European Standard)  
**Grade:** Food grade  
**Part used:** Seed  
**Appearance:** Dark Purple Red Fine Powder  
**Test method:** UV



### Introduction:

Black rice and processed products, which belongs to the rice class is determined by the class of characteristics formed through a long cultivation of gramineous plants rice varieties. Rice kernel appearance of long elliptic, rice husk ash Brown, grain of Indica and japonica in two particle mass of glutinous and non-waxy categories. Brown rice with black or dark brown, rich in nutrition, food, medicinal value, in addition to porridge can also produce a variety of nutritious foods and wine, known as the "Black Pearl" and "King of the world in rice" in the world. Most representative of yangxian black rice, since ancient times, "medicine meter", "gongmi", "life meter" in the world.

Black rice contains protein, carbohydrates, b vitamins, vitamin e, calcium, phosphorus, potassium, magnesium, iron, zinc and other nutrients of black riceElements of black rice nutrition.

### General effects:

1. Eliminating free radical.
2. Improvs cardiac muscle nutrition and reducing myocardial oxygen consumption.
3. Effect on the obvious inhibiting to formation of atherosclerosis.
4. Scavenges free radical, eliminate speckles, enhances cardiovascular health.
5. Natural anti-oxidant.
6. Natural pigment.
7. Resistant mutations function to reduce the formation of carcinogenic factor
8. Anti-inflammatory effects, which can be prevented, including inflammation, including arthritis and swelling.

### Applications:

1. Applied in food field, black rice extract also can be used as food additive and colorant;
2. Applied in health product field, black rice extract capsule supply a new way to treat atherosclerotic cardiovascular disease;
3. Applied in cosmetic field, black rice extract is mainly used as antioxidant, preventing UV radiation.



**Technical specification:**

<b>ANALYSIS</b>	<b>SPECIFICATION</b>
Assay	25% Anthocyanidins (European Standard)
Appearance	Dark Purple Red Fine Powder
Odor/Taste	Characteristic
Particle size	100% through 80 mesh
Residue on Ignition	≤5.0%
Loss on Drying	≤5.0%
Heavy Metals	≤10ppm
Arsenic (As)	≤2.0ppm
Plumbum (Pb)	≤2.0ppm
Mercury(Hg)	≤0.1ppm
Cadmium (Cd)	≤1.0ppm
Solvents used	Alcohol & Water
<b>Microbiology</b>	
Total Plate Count	≤1000cfu/g
Yeast & Mold	≤100cfu/g
E.Coli	Negative
Salmonella	Negative

**Packaging Details:**

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Store in cool & dry place, do not freeze, and keep away from direct strong light.

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