

Rice Protein; The Essential Protein Source for daily life



Rice Protein Isolate is a plant-based protein with high protein content of 80% which is made from 100% non-GMO rice. It is a good protein source for mainstream, which is natural, soya and gluten-free, non-GMO, hypoallergenic ingredient with an excellent amino acid profile and digestibility.

Manufactured by special process at Ishaan Bio, the rice is treated with enzymes which separate the carbohydrates, protein and fibres. The protein after this process is again treated with special enzymes to achieve the protein isolate which has 80% protein content followed by cleaning, filtration and sterilisation processes to remove the allergens, impurities and any contamination.

Key features of technology & quality of Ishaan Bio's Rice Protein Isolates:

- Manufactured by enzymatic process in an FSSC 22000 certified facilities
- Special Enzymes used to give better quality of rice proteins, no allergens, low heavy metals and improve organoleptic and functionality aspects
- Proprietary Drying & Sterilisation technology which gives consistent product appearance and microbial control
- Manufacturing process includes high-tech technology for better particle size distribution and foreign particle controls from raw material to final product
- Raw Material and in-process quality control
- Full traceability for each batch
- In-house quality lab to test all product specifications for each batch
- Kosher, Halal and Organic certified



Current Product portfolio includes three versions of Rice Protein

- **White Rice Protein Isolate**
- **Brown Rice Protein Isolate**
- **Sprouted Brown Rice Protein Isolate**

Key features & benefits of Rice Protein Isolate:

- Very bland taste
- Fulfills the protein requirement which the normal vegetarian diet doesn't fulfil
- Provides High level of nutrition and functionality with excellent Amino acid profile
- Easy and High digestibility of 96%
- Non-GMO
- PDCAAS (Protein digestibility-corrected amino acid score) value of 0.48~0.50
- Low levels of Sodium and Fats
- Gluten and Soya Free
- Completely Cholesterol-free and Lactose-free
- Reduces oxidative stress
- Boosts the immune system
- Hypoallergenic
- Less calories-so good option for weight management
- Endocrine protein from brown rice also help lower risk for heart disease
- Flatulence-free and Neutral Taste
- Brown Rice Protein version provide high fibre content which also acts a pre-biotic
- Sprouted Brown Rice Protein provides better amino acid profile, typical in essential amino acids are more with a better PDCAAS value



Rice Protein Isolates can be used in food, beverage, nutrition, cosmetic and pet foods applications. Typical applications are;

Food

- Bakery and Confectionery
- Extruded Snacks & Cereals products
- Breakfast foods
- Dairy Protein substitutes
- Meat & Fish products
- Meal replacements foods
- Sports foods
- Non-dairy Ice-cream
- Batters

- Processed & prepared foods like Pasta, Noodles, Sauces, etc.
- Cookies & Biscuits

Beverage / RTDs

- Non-Dairy Drinks
- Beverages-RTD/Smoothies
- Meal Replacement Beverages
- Energy Drinks
- Sports Drinks

Nutraceuticals

- Health Drinks
- Sport Nutrition / supplements
- Clinical Nutrition
- Dietic Nutrition
- Medical Nutrition
- Baby foods
- Nutritional Bars/ Supplements
- Weight Management formulas

Cosmetics

Pet Nutrition

- Dog & Cat foods
- Fish foods

For more information, please contact:

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