



PROTHY[®] R80

RICE PROTEIN HYDROLYSATE

DATA SHEET

DESIGNATION

The grain of rice contains up to 12 % protein. Prothy[®] R80 is extracted from this protein part and has an amino acid profile identical to that of whole protein, hydrolysed and spraydried without any carrier. Hydrolysis consists in cutting proteins with enzymes in order to reduce the molecular weight and to facilitate bio-availability. Prothy[®] R80 is in the format of polypeptides, and is special in being composed of more than 18 % Branched-Chain Amino Acids (BCAAS), with 8 % of Leucine.

SPECIFICATIONS

Appearance:	White to beige powder
Taste:	Neutral to slightly bitter
Water content:	6 % max.

ANALYSIS (dry mat.)

Protein (Nx6.25):	78 to 82%
Carbohydrates:	10 to 16%
Fat:	1 to 5%
Solubility:	85 to 90% in water / 0 to 1% in oil
pH in a 5% Solution:	6 to 8
Molecular weight:	90% < to 20 000 Dalton
Heavy metals:	< 10 ppm
Ashes:	< 2%

MICROBIOLOGY

Total Plate Count:	< 5000 u/g
Yeast/Moulds:	< 200 u/g

PACKAGING

25 kg cardboard drums.

STORAGE

Hygroscopic product, store in a dry place.
Best used within: 24 months.

APPLICATIONS

- The BCAAS are anabolics and take part in muscular construction. They reduce the production of ammonia during and after the effort, delaying the appearance of physical tiredness.
- Hyper protein food supplements for muscular preservation as in old age.
- Raw rice polypeptides, flavoured, vitaminised for muscular rebuilding and development, intensive training, stress.
- The rice protein is not regarded as an allergen in Europe, and has the characteristic to be close to mother's milk.
- Dietary supplements, Functional Foods & Beverages