

Rice Starch

Raw Material for the Cosmetic, Nutraceutical and Pharmaceutical Industry.

PHYSICO-CHEMICAL CHARACTERISTICS

Solubility	practically insoluble in cold water and alcohol
Specific Weight (g/l)	about 400
Granulometry	<= 75 microns
Proteins (N x 6.25)	<= 1.0 %
Humidity	<= 14.0 %
Calorific Value	about 400 Kjoule/100 g
Ashes	<= 0.60 %
Lipids	<= 0.10 %
Viscosity at 95 °C (Brabender, 8 % M.S.)	450 - 600 BU
Whiteness	>= 97 %
pH (10 % solution)	5.5 – 7.0
Sulphur Dioxide	absent
Cellulose	absent
Sodium, Potassium & Iron	conforms
Residual Solvents	absent (not used)
Heavy Metals	<= 10 ppm
Lead	<= 3 ppm
Arsenic	<= 1 ppm
Cadmium	<= 1 ppm
Mercury	<= 0.1 ppm
Total Bacterial Count	<= 1000 cfu/g
Molds & Yeasts	<= 500 cfu/g
Pathogens	absent

DESCRIPTION

Very fine white powder, odourless and tasteless; it is a native starch from pure rice obtained by wet grinding. The rice starch, dispersed in cold water and subjected to subsequent boiling, swells with formation of a suspension which, on cooling, gels by retrogradation. It does not contain allergens, Gluten or GMO. It's main use is in all those thickening applications where a binding agent is required to assure more strength to the formulation.

STORAGE CONDITIONS

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING AND PRECAUTIONS

For professional use only. Operators must be trained and have certain experience in the laboratory methods. Please read the instructions carefully before using this product. Reliability of assay results cannot be guaranteed if there are any deviations from the instructions in this document.

Consult the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to the national and local regulations in force.











SHELFLIFE

4 years

PACKAGING

Ref. 610500 Dehydrated raw material 500 g pf powder in plastic bottle

TABLE OF SYMBOLS

 Batch code	 Keep away from Sunlight	 Manufacturer	 Use by	 Fragile, handle with care
 Catalogue number	 Temperature limitation	 Contains sufficient for <n> tests	 Caution, consult instructions for use	 Do not reuse



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