LOCUST BEAN GUM

Nourisi

Description

Refined Locust bean gum is extracted from the seeds of Ceratonia siliqua, the European carob tree, which is evergreen and leguminous, it can be used as flour, or as extracts. LBG is a polysaccharide (a long chain made of sugars) comprised of galactose and mannose units. Some other familiar polysaccharides are starch and cellulose, which are made of long chains of the sugar glucose.

Application

Used alone, its thickening and skin friendly properties make it a highly effective viscosity adjuster. In combination with other hydrocolloids, it also becomes an emulsion stabilizer.
Dairy gels: Viscosity and syneresis control.
Cream cheese: Speeds up coagulation, Improved moisture binding and texture.
Water gel desserts: Viscosity and syneresis control.
Ice creams: Ice crystal and Viscosity control. Fat mimetic (fat substitute).
Soups, sauces, marinades and dressing: Viscosity control.
Fruit preparations: Viscosity and syneresis control.
Bakery: Improved yield and extension of shelf life.
Pastry fillings: Viscosity and syneresis control.
Pet canned food: Synergy gel with seaweed gum and KCl salt.

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Package

25kg/Carton or bag, customer required is available.

Specification

Item	Specification
Rheology	Viscosity at 1 % in a aqueous solution : 900-1200 cps measured at 25°C (77°F), after previous heating at 85°C (185°F) on a Brookfield RVT viscometer, spindle N°3, 20 rpm
PH	6.0-8.0-measured in a 1% aqueous solution
Proteins:	≤ 2%
Aspect, Flavour :	A creamy-white to light-brown powder, of neutral odour and flavour
Particle size :	80/200 mesh
Loss on drying :	Not more than 14 %
Total plate count	Not more than 5000 CFU/gram
Yeasts and Molds	Not more than 500 CFU/gram
Pathogenic bacteria	Negative
E. Coli in 1 gram,	Negative
Salmonella in 25 grams	Negative

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