

**TECHNICAL DATA SHEET**

Effective date: 04.2019

**Acacia Gum****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Acacia senegal gum
Raw material name	Acacia gum purified and instantised
Origin	Botanical
Manufacturing process	Dried exudation obtained from the Acacia Tree, after the bark is damaged it exudes a sticky sap that dries in the sun. It is then harvested and processed.

**TECHNICAL DATA****Physical parameters**

Appearance	Solid, powder
Color	White
Odor	Odorless
pH (25% aqueous solution, 20°C)	4,1 – 5,0
Viscosity 25%	60 – 100 mPa·s
Moisture (5h @ 105°C)	Max 10 %
Ash (8h @ 600°C)	Max 4 %
Acid insoluble ashes	Max 0,5 %
Acid insoluble matters	Max 0,1 %
Mesh size (powder through 63µm)	15 %
Tanin test reaction with iron chloride	Negative

**Biological parameters**

Total plate count	< 500 cfu/g
Escherichia coli	Absent/5g
Yeasts and molds	< 50 cfu/g
Aerobic mesophilic sporeformers	< 300 cfu/g
Salmonella	Absent/25g

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**LEGISLATION**

EINECS	-
CAS	9000-01-5

**TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store in closed containers, keep dry and avoid humidity.
Shelf Life	36 months under good storage conditions.

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