

## 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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