

Specification

Gum Arabic

Gum Arabic is purified and standardized Gum Arabic Powder produced by spray drying from the exudate of acacia trees.

Physical / Chemical properties:

Appearance:	light powder
Odour:	typical
Solubility:	quickly water-soluble
Colour of solution:	light amber
Loss on drying:	max. 10,0 %
Total ash:	max. 4,0 %
Acid insoluble ash:	max. 0,5 %
Acid insoluble matter:	max. 1,0 %
pH value:	max. 4,8
Starch or dextrin:	not traceable
Tannin:	not traceable
Viscosity*:	60 – 180 cps

(* 25% sol., Brookfield LVF, Spindle no.1-4, 60 rot. / min)

Microbiological data:

Micro-organisms:	max.10.000 CFU / g
E. coli:	negative in 10 g
Salmonella:	negative in 25 g

Heavy metals:

Arsenic:	max. 3 mg / kg
Lead:	max. 2 mg / kg
Mercury:	max. 1 mg / kg
Cadmium:	max. 1 mg / kg

Storage:

Dry, in tightly closed packing units

Best before:

3 years from date of production, respecting the above mentioned storage conditions

Gum Arabic - Legal status:

Gum Arabic corresponds to the requirements of Regulation (EU) No 231/2012 ff, Food Chemicals Codex current version and the requirements of the current versions of the European Pharmacopoeia and National Formulary (USP NF).

Recommendation of declaration:

Stabilizer E 414