

TECHNICAL SPECIFICATION



GUM ARABIC POWDER

1. Basic Information

Product Name	Gum Arabic Powder
Definition	A dried gummy exudate from the stems and branches of Acacia Senegal (Linné) Willdenow or of other related African species of Acacia (Fam. Leguminosae).
CAS No.	9000-01-5
EINECS	232-519-5

2. Specifications

Items	Specification
Appearance	Greyish to medium light powder
Solubility	Insoluble in alcohol; 1 g in 2 ml of water forms a solution which flows readily and is acid to litmus
Identification	Passes test
pH-value (25% solution in water)	4.1 - 5.8
Loss on drying (%)	Max. 15.0
Total ash (%)	Max. 4.0
Acid-insoluble ash (%)	Max. 0.5
Insoluble matter (%)	Max. 1.0
Starch and dextrin	Not detectable
Tannins	Not detectable
Arsenic (mg/kg)	Max. 3
Lead (mg/kg)	Max. 2
Mercury mg/kg	Max. 1
Cadmium mg/kg	Max. 1
Heavy metals mg/kg	Max. 40
Products of hydrolysis	Mannose, Xylose and Galacturonic Acid absent
Salmonella spp.	Negative in 25 g
E. coli	Negative in 5 g

3. Additional Information

Package	25 kg polybags with polyethylene liner (alternative package upon request)
Storage and shelf life	3 years under ambient and dry conditions
Transport Information	Hazard Class: N/A, UN Number: N/A, Packing Group: N/A.
The product meets the respective purity requirements according to: 231/2012/EU E 414; FCC; USP / NF (monograph)	