

Product Specification Sheet

Product: Sudanese Gum Arabic HPS



Description: Gum Arabic is the dried gummy exudation of high molecular polysaccharides obtained from the stems and branches of *Acacia senegal*. L. Willdenow.

Organoleptic data: Tasteless, odourless

Appearance: Pale amber hand-picked selected gum nodules

Moisture content	≤ 15.0 %
Total ash	≤ 4 %
Acid insoluble ash	≤ 0.5 %
Acid insoluble matter	≤ 0.5 %
pH	4.1 – 4.8
Starch or dextrin	Absent
Tannin-bearing gums	Absent
Arsenic	< 3 mg/kg
Lead	< 2 mg/kg
Cadmium	< 1 mg/kg
Mercury	< 1 mg/kg
Heavy metals	< 20 mg/kg
Viscosity (25% w/w solution) (Brookfield LVT-Sp1-30RPM-20°C)	70 - 110 cps
Optical rotation (rotation 10% w/w aqueous solution)	-25° to -35°

Sudanese Gum Arabic HPS complies with the current versions of FCC, USP-National Formulary and Commission Directive No.2008/84/EC laying down specific purity criteria on food additives other than colours and sweeteners .