

Product Specification Sheet

Product: Sudanese Gum Arabic Talha



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 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) 70 - 90 cps
(Brookfield LVT-Sp1-30RPM-20°C)

Specific optical rotation +51° to +58°
(rotation 10% w/w aqueous solution)

Sudanese Gum Arabic Talha complies with the current versions of NF/FCC, and JECFA specifications for Gum Arabic.