

Gum Oliban

SCOPE

This Sudanese standard applies to the dry exudate from Boswellia papyrfera (Del.).

SYNONYMS

Amyris papyrfera, Frankincense, Oleogum, resin, Luban



DEFINITION

Gum olibanum is the dry exudate obtained from the stems and branches of Boswellia papyrfera (Del.) tree (fam. Burseraceae). It consists mainly of salts of an acidic arabino-galactan protein complex which on hydrolysis yields galactose, arabinose, rhamnose, glucuronic acid and 4-Omethoxy glucuronic acid and a trace of L.fucose

DESCRIPTION

Gum olibanum is a greenish-yellow solid in the form o f irregular nodules and fragments which on pressing form a slightly plastic mass. Gum olibanum has a characteristic pleasant odour and bitter taste. It may contain extraneous materials such as sand and pieces of bark

COMMERCIAL GRADES

GRADE		PARTICLE SIZE
NAGAWA		10 MM
GRADE		10 - 5 MM
GRADE		5 – 2.5 MM
SOKSOKANIA	L Contraction	2.5 MM





FUNCTIONAL

It is used as a fixative for perfumes, in soap

Uses manufacture, in flokloric medicine, an incense in holly places and as an insecticide

