

O63330 Gum Arabic Powder

Natural polysaccharide from the dried resin of *Acacia senegal* and related species.

CAS No.: 9000-01-5
EINECS: 232-519-5

Application:

- Preparation of artists colors

Specification

Parameter	Values	Method
Appearance	fine white powder	Ph. Eur.
Solubility	Soluble in cold water, forming a colloidal solution	Ph. Eur.
Identity	complies	Ph. Eur.
Traganth	not detectable	Ph. Eur.
Sterculia	not detectable	Ph. Eur.
Starch, dextrin and agar	not detectable	Ph. Eur.
Glucose and fructose	not detectable	Ph. Eur.
Tannins	not detectable	Ph. Eur.
pH (10 % in water)	4 – 5	PM GA 08
Ash (total):	max. 4.0 %	Ph. Eur.
Ash (acid insoluble)	max. 0.5 %	FCC
Loss on drying	max. 10 %	Ph. Eur.
Viscosity (LVF, 25%, 20°C 60 rpm, 24h)	60 – 150 mPa.s	PM GA 02
Optical rotation	-25 – -35°	PM GA 03
Hydrolysis products	not detectable	231/2012/EG
Heavy metals (as Pb)	max. 20 ppm	Ph. Eur.
Arsenic	max. 3 ppm	AAS
Lead	max. 2 ppm	FCC
Mercury	max. 1 ppm	AAS
Cadmium	max. 1 ppm	AAS
Total plate count	max. 3000 KBE / g	Ph. Eur.
Yeast	max. 100 KBE / g	Ph. Eur.
Mould	max. 100 KBE / g	Ph. Eur.
E. Coli	negative in 5 g	Ph. Eur.
Salmonella spp.	negative in 25 g	Ph. Eur.

Regulations:

This product meets the respective purity requirements according to:
FCC, Ph. Eur., USP/NF, DAB und BP.

The product complies to following standards in accordance with current EU legislation:

- for food additives E 414
- for pesticides
- for the exclusion of allergens
- for the exclusion of GMOs
- for the exclusion of solvent remnants
- for the exclusion from ionizing radiation
- for the exclusion of BSE/TSE

This product is suitable for a vegetarian and vegane nutrition.

This product is certified as

- Kosher
- Halal

Storage:

The shelf-life of this product is 36 months after production / testing date.

Store and transport in closed containers, at dry and ambient conditions.