

O047 Agar-Agar

A dried hydrophic, colloidal polygalactoside extracted from *Gracilaria converfoides* and other related red algae.

CAS Number: 9002-18-0
 EINECS: 232-658-1
 INCI name: Agar
 Regulatory Information: E 406 – Regulation (EU) No. 231/2012
 Solubility: insoluble in cold water, soluble in boiling water
 Uses and Application: stabilizer, thickener, emulsifier

Specification

Particle size (80 mesh (177 µm))	min. 95 %
Gel strength (1.5 %, 15h)	min. 800 g/cm ²
Congeaing point	35 – 41°C
pH-Value (1.5 % solution):	6.0 – 8.0
Loss on drying	max. 22.0 %
Ashes	max. 1.5 %
Acid insoluble ashes	max. 05 %
Insoluble matter	max. 1.0 %
Starch	not detectable
Gelatine and other proteins	not detectable
Water absorption	max. 75 ml of water is absorbed
Arsenic	max. 3 mg/kg
Lead	max. 5 mg/kg
Mercury	max. 1 mg/kg
Cadmium	max 1 mg/kg
Total plate count	max. 5000 cfu/g
Yeasts and moulds	max. 300 cfu/g
E. Coli	negative in 5 g
Salmonella spp.	negative in 25 g

Storage and shelf-life: 4 years under dark and dry conditions at ambient temperature in well closed containers.