

# Technical Data Sheet

## SFG Mastic Gum

Pistacia Lentiscus (Mastic) Gum  
CAS# 61789-92-2

### Description

SFG Mastic Gum is the air-dried resinous exudation from P. Lentiscus L. (Family Anacardiaceae), a shrub of small evergreen tree. The tree is native to the Mediterranean region and principally cultivated on the Greek island of Chios. This product is 100% natural.

### Specifications

Item	Specification
Identification (TLC)	Appearance of six coloured zones
DNA test	Correspondence to the trnL region according to NCBI database
Quantification of Masticadienonic and Isomasticadienonic acid (% , HPTLC)	> 12
Heavy metals (ppm)	
- Cadmium	< 0.05
- Lead	< 0.2
- Mercury	< 0.1
- Arsenic	< 0.05
Total Aerobic Microbial Count (cfu/g)	< 1000
Total Yeast and Mold Count (cfu/g)	< 100
<i>Enterobacteria</i> (cfu/g)	< 100
<i>E.Coli</i>	Absent in 1g
<i>Staphylococcus aureus</i>	Absent in 1g
<i>Salmonella spp.</i>	Absent in 10g
Drugs (mg/kg, GC & LC –MS/MS)	< 0.05
Dithiocarbamate	< 0.2
(mg CS2/kg, MTD pesticides 100)	
CONFORMS TO EP	

### Storage

Protect from sunlight.

Store in the closed original container, in a dry & cool place (< 18°C)

**Shelf Life** 3 years