

Chios Mastiha Tears Resin (Gum Mastic)

Product Characteristics

1. Official Name : Chios Gum Mastic – Chios Mastiha
2. Scientific Name : Pistacia Lentiscus
3. Type Of Product : Natural Resin – Elastic Gum
4. Texture : Transparent / Opaque Crystals (Tears Resin)
5. Size : Small, Medium , Large
6. Description : The degree of hardness of the tear resin depends on the temperature of the atmosphere (harder at winter – softer at summer), the time of its exposure to nature and the size of the tear. When the flow of resin is continuous, the tear is large and relatively soft, while non-continuous flow, yields little tear, but more hardness.
7. Colour : Off-White to Yellowish
8. Flavor : Slightly bitter characteristic of the product.
9. Odor : Strong balsamic scent characteristic of the product.
10. Solubility A : Insoluble in water (~1%)
11. Solubility B : Soluble in isopropyl alcohol, acetone, hexane, methanol, chloroform, diethyl ether, n-butyl ether.
12. Density : ~ 1gr/ml (0,94 - 1,10gr/ml)
13. Softening Point : 43 – 58 °C
14. Melting Point : 82 - 109 °C
15. Moisture : Max. 2.6%
16. Total Ash (550°C) : Max. 0.47%
17. Impurities : Max. 1.9%
18. Storage : Keep in a cool & dry place – Store in closed containers.
19. Acceptance : The EU at 1981 included Chios Mastic Gum in the list of plants and parts thereof, which are acceptable for use in foods. Also is a Protected Designation of Origin product (P.D.O.) & from 2015 has been recognized and registered officially from E.M.A. (European Medicines Agency) as traditional natural herbal medicine.

Safety Data Sheet & Technical Specifications

20. Product Identification

- Official Name** : Chios Gum Mastic – Chios Mastiha
Scientific Name : Pistacia Lentiscus
Type Of Product : Natural Resin – Elastic Gum
Description : Chios Gum Mastic (Chios Mastiha), 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.
Genetically Modified Organisms (G.M.O.) : The product does not contain Genetically Modified Organisms and/or any products derived from such organisms.

21. Chemical Nature Of Product

- Natural Occurrence** : Yes
CAS Name : Mastic Gum
CAS Number : 061789-92-2
Declaration EINECS : 263-098-6
INCI Name : MonoID: 13171 Pistacia Lentiscus (Mastic)

Gum

22. Microbiological Analysis

Microbiological Parameters - Measured Limit

Total Count	< 1000 col/g
Yeast & Moulds	< 10 col/g
Coliform	< 10 col/g
E-Coli	< 10 col/g
Salmonella	Absent in 100gr

Heavy Metals - Measured Limit

Cadmium (Cd)	< 0.07 mg/Kg
Lead (Pb)	< 0.4 mg/Kg
Mercury (Hg)	< 0.2 mg/Kg
Arsenic (As)	<0.06 mg/Kg

23. Food Legislation

Labeling According To EEC Regulations : 88| 379 & 91|155

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Nutritional Information For 100gr

Parameter	Method Of Analysis	Result
Humidity, % w/w	103oC / ct wgt	0.68
Ash, % w/w	600oC / 16h	0.13
Protein, % w/w	ISO 1871:2009	0.15
Fatty Matter, % w/w	Soxhlet	<0.1
Carbohydrates, % w/w	Calculation	82.9
Total Natural Sugars, % w/w	HPLC - RI	< 1
Total Polyols, % w/w	GC / FID	< 0.1
Dietary Fibers, % w/w	AOAC 985.29	16±2
Energy, Kcal /100gr	Calculation	365
KJ / 100gr	Calculation	1544
Na / 100gr	A.A.S.	1.03
Mg / 100gr	A.A.S.	0.98

Allergen Statement

After the necessary food chemical analysis, we declare that *Chios Mastiha, is NOT included according to the official allergen lists of US – FDA & EU – EFSA.

Free Of

- ✓ Cereals (wheat, rye, barley, oats, spelt & products thereof)
- ✓ Celery & products thereof
- ✓ Eggs & products thereof
- ✓ Fish & products thereof
- ✓ Molluscs & products thereof
- ✓ Milk & products thereof
- ✓ Mustard & products thereof
- ✓ Nuts (almond, hazelnut, walnut, pistachio nut, pecan nut, brazil nut, cashew & products thereof)
- ✓ Peanuts & products thereof
- ✓ Shellfish - Crustaceans & products thereof
- ✓ Soybeans & products thereof
- ✓ Sesame seeds & products thereof

* Chios Mastiha Tears Resin (Gum Mastic) is a Protected Designation of Origin product (P.D.O.) , 100% pure natural unprocessed product & it may have a very small traces of Chios Mastic tree trunk inside.

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Also from 2015 has been recognized and registered officially from E.M.A. (European Medicines Agency) as traditional natural herbal medicine.

Gluten & G.M.O Free Statement

After the necessary food chemical analysis, we declare that Chios Mastiha is 100% pure natural unprocessed product & Free of Gluten & G.M.O.

Also Chios Mastiha Tears Resin (Gum Mastic) is a Protected Designation of Origin product (P.D.O.) , 100% pure natural unprocessed & it may have a very small traces of Chios Mastic tree trunk inside.

The E.U. at 1981 included Chios Mastic Gum in the list of plants and parts thereof, which are acceptable for use in foods.

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The logo for meselópon features the brand name in a lowercase, white, sans-serif font. The letters are centered within a large, light gray circular background. The background of the circle is a faint, stylized illustration of a tree with a thick trunk and several branches, rendered in a light gray tone that blends with the background.

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