



Chios Gum Mastic - Chios Mastiha

Typical Analysis Data

Date of issue: 15/06/2005

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1. Typical Chemical Composition

Compound Name	% w/w
Mastic Oil – Essential Oil	1 – 3 %
Polymer Fraction (poly-β-myrcene) Natural polymer	25 – 30 %
Total Triterpenic Acids:	40 – 55 %
• Masticdienonic acid	12 – 15 %
• Isomasticdienonic acid	12 – 15 %
• Oleanonic acid	6 – 8 %
• Moronic acid	3 – 6 %
• Masticdienolic acid	1 – 3 %
• Isomasticdienolic acid	1 – 3 %
• Other Triterpenic Acids	3 – 5 %
Other Compounds	20 – 25 %

* (Mean Values of different batches)





2. Typical 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 100 gr.

*(Mean Values collected from different batches)

3. Typical Heavy Metals Analysis

Heavy Metals	Measured Limit
Cadmium	<0.05 mg/Kg
Lead	<0.3 mg/Kg
Mercury	<0.05 mg/Kg
Arsenic	<0.05 mg/Kg

*(Mean Values collected from different batches)

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This product corresponds with the regulations of the European food legislations. This specification is carefully drawn up and represents our current knowledge. However, we are not liable for any damage resulting from wilful acts or gross negligence. We guarantee therefore a proper quality within our general conditions of sales.

