Chios Gum Mastic - Chios Mastiha

Typical Analysis Data

Date of issue: 15/06/2005
Pages: 2

1. Typical Chemical Composition

<table>
<thead>
<tr>
<th>Compound Name</th>
<th>% w/ w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mastic Oil - Essential Oil</td>
<td>1 – 3 %</td>
</tr>
<tr>
<td>Polymer Fraction (poly-ß-myrcene) Natural polymer</td>
<td>25 – 30 %</td>
</tr>
<tr>
<td>Total Triterpenic Acids:</td>
<td>40 – 55 %</td>
</tr>
<tr>
<td>• Masticadienonic acid</td>
<td>12 – 15 %</td>
</tr>
<tr>
<td>• Isomasticadienonic acid</td>
<td>12 – 15 %</td>
</tr>
<tr>
<td>• Oleanonic acid</td>
<td>6 – 8 %</td>
</tr>
<tr>
<td>• Moronic acid</td>
<td>3 – 6 %</td>
</tr>
<tr>
<td>• Masticadienolic acid</td>
<td>1 – 3 %</td>
</tr>
<tr>
<td>• Isomasticadienolic acid</td>
<td>1 – 3 %</td>
</tr>
<tr>
<td>• Other Triterpenic Acids</td>
<td>3 – 5 %</td>
</tr>
<tr>
<td>Other Compounds</td>
<td>20 – 25 %</td>
</tr>
</tbody>
</table>

*(Mean Values of different batches)
2. Typical Microbiological Analysis

<table>
<thead>
<tr>
<th>Microbiological Parameters</th>
<th>Measured Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Count</td>
<td>&lt; 1000 col/g</td>
</tr>
<tr>
<td>Yeast &amp; Moulds</td>
<td>&lt; 10 col/g</td>
</tr>
<tr>
<td>Coliform</td>
<td>&lt; 10 col/g</td>
</tr>
<tr>
<td>E-Coli</td>
<td>&lt; 10 col/g</td>
</tr>
<tr>
<td>Salmonella</td>
<td>Absent in 100 gr.</td>
</tr>
</tbody>
</table>

*(Mean Values collected from different batches)*

3. Typical Heavy Metals Analysis

<table>
<thead>
<tr>
<th>Heavy Metals</th>
<th>Measured Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium</td>
<td>&lt;0.05 mg/Kg</td>
</tr>
<tr>
<td>Lead</td>
<td>&lt;0.3 mg/Kg</td>
</tr>
<tr>
<td>Mercury</td>
<td>&lt;0.05 mg/Kg</td>
</tr>
<tr>
<td>Arsenic</td>
<td>&lt;0.05 mg/Kg</td>
</tr>
</tbody>
</table>

*(Mean Values collected from different batches)*

Printing Date: Friday, 21 October 2005

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.