



NHR ORGANIC OILS
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IFRA 51 Conformity Certificate **Organic Roman Chamomile Essential Oil** *(Anthemis nobilis)*

SCOPE OF THE CERTIFICATE:

Product: ROMAN CHAMOMILE ESSENTIAL OIL

Product INCI: ANTHEMIS NOBILIS FLOWER OIL

CAS NUMBER: 8015-92-7

EINECS number: 283-467-5

Manufacturing method: Steam Distillation

COMPULSORY INFORMATION:

We certify that the above mixture ROMAN CHAMOMILE (ANTHEMIS NOBILIS) ESSENTIAL OIL, is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51 Amendment to the IFRA Standards (30 June, 2023), provided it is used in the following category(ies) at a maximum concentration level of:

<i>IFRA Category(ies)</i> <i>[see Table 12 in Guidance</i> <i>for the use of IFRA</i> <i>Standards for details]</i>	Level of use (%)*	<i>IFRA Category(ies)</i> <i>[see Table 12 in</i> <i>Guidance for the use of</i> <i>IFRA Standards for</i> <i>details]</i>	Level of use (%)*
<i>Category 1</i>	<i>42.16%</i>	<i>Category 7 A</i>	<i>42.16%</i>
<i>Category 2</i>	<i>13.51%</i>	<i>Category 7 B</i>	<i>42.16%</i>
<i>Category 3</i>	<i>59.46%</i>	<i>Category 8</i>	<i>14.05%</i>
<i>Category 4</i>	<i>Not Restricted</i>	<i>Category 9</i>	<i>Not Restricted</i>
<i>Category 5 A</i>	<i>64.86%</i>	<i>Category 10 A</i>	<i>59.46%</i>
<i>Category 5 B</i>	<i>42.16%</i>	<i>Category 10 B</i>	<i>Not Restricted</i>
<i>Category 5 C</i>	<i>50.81%</i>	<i>Category 11 A</i>	<i>14.05%</i>
<i>Category 5 D</i>	<i>14.05%</i>	<i>Category 11 B</i>	<i>14.05%</i>
<i>Category 6</i>	<i>8.65%</i>	<i>Category 12</i>	<i>Not Restricted</i>

**Actual use level or maximum use level*

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture ROMAN CHAMOMILE ESSENTIAL OIL is as follows:

Materials under the scope of IFRA Standards:	CAS number(s):	Recommendation from IFRA Standard:	Concentration (%) in fragrance mixture or finished product:
<i>Limonene</i>	138-86-3 7705-14-8 5989-27-5 5989-54-8	<i>SPECIFICATION DERMAL SENSITIZATION</i>	0,77 %
<i>Geraniol *</i>	106-24-1	<i>DERMAL SENSITIZATION AND SYSTEMIC TOXICITY</i>	1,85 %

Additional Comments:

* Oxidation products of Limonene, especially hydroperoxides, have been demonstrated to be potent sensitizers. d-, l- and dl-Limonene and natural products containing substantial amounts of it, should only be used when the level of (hydro)peroxides is kept to the lowest practical level, for instance by adding antioxidants at the time of production. The addition of 0.1% BHT or α -Tocopherol for example has shown great efficiency. Such products should have a peroxide value of less than 20 millimoles per liter, determined according to the IFRA analytical method for the determination of the peroxide value, which can be downloaded from the IFRA website (www.ifrafragrance.org)

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in anyway.