



## CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

This Certificate assesses the conformity of a fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoint(s) described in each Standard.

### CERTIFYING PARTY:

Randalls Candles Ltd. Unit 14-16 Campbells Meadow Business Park,  
Kings Lynn, Norfolk. PE30 4YR

### CERTIFICATE DELIVERED TO:

Customer:

### SCOPE OF THE CERTIFICATE:

Product: BLACK ORCHID FRAGRANCE

### COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 50th Amendment to the IFRA Standards (published June, 2021), provided it is used in the following category(ies) at a maximum concentration level of:

<b><i>IFRA Category(ies) [see Table 12 in Guidance for the use of IFRA Standards for details]</i></b>	<b><i>Level of use (%)*</i></b>
<b><i>Category 1</i></b>	<b><i>0.00</i></b>
<b><i>Category 2</i></b>	<b><i>6.88</i></b>
<b><i>Category 3</i></b>	<b><i>1.22</i></b>
<b><i>Category 4</i></b>	<b><i>91.11</i></b>
<b><i>Category 5A</i></b>	<b><i>13.33</i></b>
<b><i>Category 5B</i></b>	<b><i>1.89</i></b>
<b><i>Category 5C</i></b>	<b><i>2.22</i></b>
<b><i>Category 5D</i></b>	<b><i>0.62</i></b>
<b><i>Category 6</i></b>	<b><i>0.00</i></b>
<b><i>Category 7A</i></b>	<b><i>2.56</i></b>
<b><i>Category 7B</i></b>	<b><i>2.56</i></b>
<b><i>Category 8</i></b>	<b><i>0.62</i></b>
<b><i>Category 9</i></b>	<b><i>6.00</i></b>
<b><i>Category 10A</i></b>	<b><i>6.00</i></b>
<b><i>Category 10B</i></b>	<b><i>13.33</i></b>
<b><i>Category 11A</i></b>	<b><i>0.62</i></b>
<b><i>Category 11B</i></b>	<b><i>0.62</i></b>
<b><i>Category 12</i></b>	<b><i>100.00</i></b>

*\*Actual use level or maximum use level*

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact the certifying party.

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 any way.



**OPTIONAL INFORMATION:**

**Product:** BLACK ORCHID FRAGRANCE

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture named above is as follows:

<b>Materials under the scope of IFRA Standards:</b>	<b>CAS number(s):</b>	<b>Recommendation from IFRA Standard:</b>	<b>Concentration (%) in fragrance mixture or finished product:</b>
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2		16.00
4-Methoxy-a-methylbenzenepropanal	5462-06-6		0.90
a-Methyl-1,3-benzodioxole-5-propionaldehyde (MMDHCA)	1205-17-0		1.00
alpha-Cedrene	469-61-4		0.00
beta.-Cedrene	546-28-1		0.00
Cedr-8-ene	11028-42-5		0.00
Benzyl benzoate	120-51-4		0.23
Citronellol	106-22-9		1.00
Coumarin	91-64-5		0.50
Eugenol	97-53-0		0.40
Geraniol	106-24-1		0.73

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Limonene	5989-27-5	Specification: 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 a-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 ( <a href="http://www.ifrafragrance.org">www.ifrafragrance.org</a> ).	0.70
Linalool	78-70-6	Specification: Oxidation products of Linalool, especially hydroperoxides, have been demonstrated to be potent sensitizers. d-, l- and dl-Linalool 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 a-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 ( <a href="http://www.ifrafragrance.org">www.ifrafragrance.org</a> ).	2.55

Date: 06 Jan 2023

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