

## 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:** PUMPKIN PIE 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>0.58</i></b>
<b><i>Category 3</i></b>	<b><i>0.88</i></b>
<b><i>Category 4</i></b>	<b><i>10.42</i></b>
<b><i>Category 5A</i></b>	<b><i>2.67</i></b>
<b><i>Category 5B</i></b>	<b><i>1.75</i></b>
<b><i>Category 5C</i></b>	<b><i>2.67</i></b>
<b><i>Category 5D</i></b>	<b><i>0.58</i></b>
<b><i>Category 6</i></b>	<b><i>0.00</i></b>
<b><i>Category 7A</i></b>	<b><i>5.58</i></b>
<b><i>Category 7B</i></b>	<b><i>5.58</i></b>
<b><i>Category 8</i></b>	<b><i>0.58</i></b>
<b><i>Category 9</i></b>	<b><i>20.00</i></b>
<b><i>Category 10A</i></b>	<b><i>20.00</i></b>
<b><i>Category 10B</i></b>	<b><i>55.00</i></b>
<b><i>Category 11A</i></b>	<b><i>0.58</i></b>
<b><i>Category 11B</i></b>	<b><i>0.58</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:** PUMPKIN PIE 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		12.00
Citronellal	106-23-0		0.01
Farnesal	19317-11-4		0.00
Methyl eugenol	93-15-2		0.00
Safrole, Isosafrole and Dihydrosafrole	94-59-7	Prohibition: Safrole, Isosafrole and/or Dihydrosafrole as such should not be used as fragrance ingredients. The natural extracts containing Safrole, Isosafrole and/or Dihydrosafrole should not be used as substitutes for these ingredients. Restriction: On the basis of established maximum concentration levels of this substance in commercially available natural sources (like essential oils, extracts and absolutes), exposure to this substance from the use of these oils and extracts is regarded acceptable as long as the total concentration of Safrole, Isosafrole and Dihydrosafrole in the finished consumer product does not exceed 0.01%.	0.01
Cinnamic aldehyde	104-55-2		2.40

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Citral	5392-40-5		0.06
Coumarin	91-64-5		2.60
Eugenol	97-53-0		0.50
Geraniol	106-24-1		0.01
Isoeugenol	97-54-1		0.00
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 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 ( <a href="http://www.ifrafragrance.org">www.ifrafragrance.org</a> ).	0.80

Date: 22 Aug 2023

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