

## 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:**           Randalls Candles

**SCOPE OF THE CERTIFICATE:**

**Product:**            WHITE GARDENIA

**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 49th Amendment to the IFRA Standards (published January, 2020), provided it is used in the following category(ies) at a maximum concentration level of:

<i><b>IFRA Category(ies) [see Table 12 in Guidance for the use of IFRA Standards for details]</b></i>	<i><b>Level of use (%)*</b></i>
<i><b>Category 1</b></i>	<i><b>0.00</b></i>
<i><b>Category 2</b></i>	<i><b>4.67</b></i>
<i><b>Category 3</b></i>	<i><b>2.08</b></i>
<i><b>Category 4</b></i>	<i><b>54.17</b></i>
<i><b>Category 5A</b></i>	<i><b>21.33</b></i>
<i><b>Category 5B</b></i>	<i><b>2.50</b></i>
<i><b>Category 5C</b></i>	<i><b>3.83</b></i>
<i><b>Category 5D</b></i>	<i><b>0.83</b></i>
<i><b>Category 6</b></i>	<i><b>0.00</b></i>
<i><b>Category 7A</b></i>	<i><b>3.17</b></i>
<i><b>Category 7B</b></i>	<i><b>3.17</b></i>
<i><b>Category 8</b></i>	<i><b>0.83</b></i>
<i><b>Category 9</b></i>	<i><b>10.00</b></i>
<i><b>Category 10A</b></i>	<i><b>10.00</b></i>
<i><b>Category 10B</b></i>	<i><b>18.33</b></i>
<i><b>Category 11A</b></i>	<i><b>0.83</b></i>
<i><b>Category 11B</b></i>	<i><b>0.83</b></i>
<i><b>Category 12</b></i>	<i><b>100.00</b></i>

*\*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.

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**OPTIONAL INFORMATION:**

**Product:** WHITE GARDENIA

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>
a-Bisabolol	515-69-5		0.00
alpha-Cedrene	469-61-4		0.12
beta.-Cedrene	546-28-1		0.03
Cedr-8-ene	11028-42-5		0.15
Dimethylcyclohex-3-ene-1-carbaldehyde (mixed isomers)	27939-60-2	Restriction: The above limits apply to Dimethylcyclohexen-3-ene-1-carbaldehyde (mixed isomers) used individually or in combination. The sum of concentrations of Dimethylcyclohexen-3-ene-1-carbaldehyde isomers should not exceed the maximum concentration levels established by this Standard.	0.20
Hexyl salicylate	6259-76-3		12.00
Benzyl benzoate	120-51-4		4.30
Benzyl salicylate	118-58-1		5.10
Cinnamic alcohol	104-54-1		0.90
Eugenol	97-53-0		3.00
Geraniol	106-24-1		0.40

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a-Hexyl cinnamic aldehyde	101-86-0		3.00
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 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> ).	1.60

Date: 15 Sep 2021

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Annex: Definition of IFRA Standard categories by product type

<b>Product type</b>	<b>Category</b>
Products applied to the lips	1
Products applied to the axillae	2
Products applied to the face/body using fingertips	3
Products related to fine fragrance	4
Products applied to the face and body using the hands (palms), primarily leave-on:	
----- Body lotion products applied to the body using the hands (palms), primarily leave on	5A
----- Face moisturizer products applied to the face using the hands (palms), primarily leave on	5B
----- Hand cream products applied to the hands using the hands (palms), primarily leave on	5C
----- Baby creams, baby oils and baby talc	5D
Products with oral and lip exposure	6
Products applied to the hair with some hand contact:	
----- Rinse-off products applied to the hair with some hand contact	7A
----- Leave-on products applied to the hair with some hand contact	7B
Products with significant anogenital exposure	8

Annex: Definition of IFRA Standard categories by product type - continued

<b>Product type</b>	<b>Category</b>
Products with body and hand exposure, primarily rinse off	9
Household care products with mostly hand contact:	
Household care excluding aerosol products (excluding aerosol/spray products)	10A
Household aerosol/spray products	10B
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate:	
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure	11A
Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure	11B
Products not intended for direct skin contact, minimal or insignificant transfer to skin	12



## Allergen Analysis

**Product:** WHITE GARDENIA

Ingredient	CAS number(s):	Concentration present as a percentage (%) or "A" for absent
alpha-iso-Methylionone	127-51-5	A
Amyl Cinnamal	122-40-7	A
Amylcinnamyl Alcohol	101-85-9	A
Anise Alcohol	105-13-5	A
Benzyl Alcohol	100-51-6	A
Benzyl Benzoate	120-51-4	4.30
Benzyl Cinnamate	103-41-3	A
Benzyl Salicylate	118-58-1	5.10
Butylphenyl Methylpropional (Lilial)	80-54-6	A
Cinnamal	104-55-2	A
Cinnamyl Alcohol	104-54-1	0.90
Citral	106-26-3, 141-27-5, 5392-40-5	A
Citronellol	106-22-9, 1117-61-9, 141-25-3, 26489-01-0, 6812-78-8, 7540-51-4	A
Coumarin	91-64-5	A
Eugenol	97-53-0	3.00
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A
Farnesol	4602-84-0	A
Geraniol	106-24-1	0.40
Hexyl Cinnamal	101-86-0	3.00
Hydroxycitronellal	107-75-5	A
Isoeugenol	5932-68-3, 97-54-1	A
Limonene	138-86-3, 5989-27-5, 5989-54-8, 7705-14-8	A
Linalool	126-90-9, 126-91-0, 78-70-6	1.60
Methyl 2-Octynoate	111-12-6	A

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