

# CERTIFICATE OF CONFORMITY OF FRAGRANCE MIXTURES WITH IFRA STANDARDS

**This certificate assesses the conformity of the 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.**

**This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.**

## **CERTIFYING PARTY:**

The Candle Fragrance Co.  
USA, SALISBURY, 201 Marvel Road,

## **CERTIFICATE DELIVERED TO:**

## **SCOPE OF THE CERTIFICATE:**

**Product: Gingerbread**

## **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 51 Amendment to the IFRA Code of Practice (published June, 2023) provided it is used in the following class(es) at a maximum concentration level of:

IFRA Category(ies) [see Table 10 in Guidance for the use of IFRA Standards for details]	Level of use (%)*	Product application
Category 1	0 %	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys
Category 2	1.39130435 %	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deocologne, etc.) Body sprays (including body mist)
Category 3	1.54782609 %	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer Facial make up and foundation Make-up remover for face and eyes Nose pore strips

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		Wipes or refreshing tissues for face, neck, hands, body Body and face paint (for children and adults) Facial masks for face and around the eyes
Category 4	26.08695652 %	Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragancing cream, aftershaves of all types, etc.) Fragranced bracelets Ingredients of perfume kits and fragrance mixtures for cosmetic kits Scent pads, foil packs Scent strips for hydroalcoholic products
Category 5A	6.60869565 %	Body creams, oils, lotions of all types Foot care products (creams and powders) Insect repellent (intended to be applied to the skin) All powders and talc (excluding baby powders and talc)
Category 5B	1.91304348 %	Facial toner Facial moisturizers and creams
Category 5C	2.7826087 %	Hand cream Nail care products including cuticle creams, etc. Hand sanitizers
Category 5D	0.60869565 %	Baby cream/lotion, baby oil, baby powders and talc
Category 6	0 %	Toothpaste Mouthwash, including breath sprays Toothpowder, strips, mouthwash tablets
Category 7A	3.13043478 %	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	3.13043478 %	Hair sprays of all types (pumps, aerosol sprays, etc.) Hair styling aids non sprays (mousse, gels, leave-on conditioners) Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes Shampoo - Dry (waterless shampoo) Hair deodorizer
Category 8	0.60869565 %	Intimate wipes Tampons Baby wipes Toilet paper (wet)
Category 9	9.04347826 %	Bar soap Shampoo of all type Cleanser for face (rinse-off) Conditioner (rinse-off) Liquid soap Body washes and shower gels of all types Baby wash, bath, shampoo Bath gels, foams, mousses, salts, oils and other products added to bathwater

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		<p>Foot care products (feet are placed in a bath for soaking)</p> <p>Shaving creams of all types (stick, gels, foams, etc.)</p> <p>All depilatories (including facial) and waxes for mechanical hair removal</p> <p>Shampoos for pets</p>
Category 10A	9.04347826 %	<p>Hand wash laundry detergent (including concentrates)</p> <p>Laundry pre-treatment of all types (e.g.paste, sprays, sticks)</p> <p>Hand dishwashing detergent (including concentrates)</p> <p>Hard surface cleaners of all types (bathroom and kitchen cleansers,furniture polish, etc.)</p> <p>Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates</p> <p>Dry cleaning kits</p> <p>Toilet seat wipes</p> <p>Fabric softeners of all types including fabric softener sheets</p> <p>Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances</p> <p>after wash, deodorizers for textiles or fabrics)</p> <p>Floor wax</p> <p>Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.</p> <p>Ironing water (Odorized distilled water)</p>
Category 10B	27.82608696 %	<p>Animal sprays – sprays applied to animals of all types</p> <p>Air freshener sprays, manual, including aerosol and pump</p> <p>Aerosol/spray insecticides</p>
Category 11A	0.60869565 %	<p>Feminine hygiene conventional pads,liners, interlabial pads</p> <p>Diapers (baby and adult)</p> <p>Adult incontinence pant, pad</p> <p>Toilet paper (dry)</p>
Category 11B	0.60869565 %	<p>Tights with moisturizers</p> <p>Scented socks, gloves</p> <p>Facial tissues (dry tissues)</p> <p>Napkins</p> <p>Paper towels</p> <p>Wheat bags</p> <p>Facial masks (paper/protective) e.g.surgical masks not used as medicaldevice</p> <p>Fertilizers, solid (pellet or powder)</p>
Category 12	100 %	<p>Candles of all types (including encased)</p> <p>Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods)</p> <p>Automated air fresheners and fragrancing of all types</p>

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(concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals)  
Air delivery systems  
Cat litter  
Cell phone cases  
Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders)  
Fuels  
Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays  
Joss sticks or incense sticks  
Dishwash detergent and deodorizers – for machine wash  
Olfactive board games  
Paints  
Plastic articles (excluding toys)  
Scratch and sniff  
Scent pack  
Scent delivery system (using dry air technology)  
Shoe polishes  
Rim blocks (Toilet)

*\*Actual use level or maximum use level*

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the fragrance mixture (Gingerbread) is as follows:

Materials under the scope of IFRA Standards	CAS-No.	Recommendation from IFRA Standard:	Concentration (%) in fragrance mixture or finished product
Benzyl cyanide	140-29-4	Prohibited	0.00024
Isophorone	78-59-1	Prohibited	0.0003
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2 54464-59-4 68155-66-8 68155-67-9	Restricted	13
Isoeugenol	97-54-1 5932-68-3	Restricted	0.0000033
Farnesol	4602-84-0 106-28-5 3790-71-4 16106-95-9 3879-60-5	Restricted	0.00327
Bitter orange peel oil expressed	68916-04-1 72968-50-4	Restricted	0.15
Carvone	2244-16-8 6485-40-1 99-49-0	Restricted	0.0009
Citral	106-26-3	Restricted	0.056525

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	141-27-5 5392-40-5		
Methyl ionone, mixed isomers	127-42-4 127-43-5 127-51-5 1335-46-2 7779-30-8 79-89-0 1335-94-0	Restricted	1.8
Rose ketones	23696-85-7 23726-91-2 23726-92-3 23726-93-4 23726-94-5 24720-09-0 33673-71-1 35044-68-9 35087-49-1 39872-57-6 43052-87-5 57378-68-4 70266-48-7 71048-82-3 59739-63-8 87064-19-5	Restricted	0.15
Benzyl alcohol	100-51-6	Restricted	0.000009
Benzaldehyde	100-52-7	Restricted	0.00135
Cinnamic alcohol	104-54-1	Restricted	1.45
Cinnamic aldehyde	104-55-2	Restricted	0.35
Geraniol	106-24-1	Restricted	0.05399765
Coumarin	91-64-5	Restricted	5.75
Eugenol	97-53-0	Restricted	0.0051
Cuminaldehyde	122-03-2	Restricted	0.015
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (DPMI)	33704-61-9	Restricted	0.25
Limonene	138-86-3 7705-14-8 5989-27-5 5989-54-8	Specification	3.689470255
Linalool	126-90-9 126-91-0 78-70-6	Specification	0.83395755

#### LIMITING STANDARDS FOR IFRA CATEGORY 1

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (DPMI)	33704-61-9	0.25	2.52	175	63
Coumarin	91-64-5	5.75	1.55	4025	890.000000025
Rose ketones	23696-85-7	0.15	5.13	105	76.9999999995
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	3.15	9100	4099.99999994

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#### LIMITING STANDARDS FOR IFRA CATEGORY 2

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Cinnamic alcohol	104-54-1	1.45	4.62	1015	670.000000004
Cinnamic aldehyde	104-55-2	0.35	4	245	140
Coumarin	91-64-5	5.75	1.39	4025	799.999999985
Rose ketones	23696-85-7	0.15	1.53	105	22.9999999995

#### LIMITING STANDARDS FOR IFRA CATEGORY 3

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Cinnamic aldehyde	104-55-2	0.35	6	245	210
Coumarin	91-64-5	5.75	1.55	4025	890.000000025
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	3.15	9100	4099.99999994

#### LIMITING STANDARDS FOR IFRA CATEGORY 5A

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Coumarin	91-64-5	5.75	6.61	4025	3800.000000015

#### LIMITING STANDARDS FOR IFRA CATEGORY 5B

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Coumarin	91-64-5	5.75	1.91	4025	1100.000000025
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	4.31	9100	5600.00000001

#### LIMITING STANDARDS FOR IFRA CATEGORY 5C

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Coumarin	91-64-5	5.75	2.78	4025	1600.0000000275
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	5.85	9100	7600.00000006

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#### LIMITING STANDARDS FOR IFRA CATEGORY 5D

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Cinnamic alcohol	104-54-1	1.45	5.86	1015	849.999999975
Cinnamic aldehyde	104-55-2	0.35	4	245	140
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (DPMI)	33704-61-9	0.25	3.36	175	84
Coumarin	91-64-5	5.75	0.61	4025	350.000000015
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	1.46	9100	1899.99999995

#### LIMITING STANDARDS FOR IFRA CATEGORY 6

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (DPMI)	33704-61-9	0.25	2.52	175	63
Coumarin	91-64-5	5.75	0.04	4025	23.99999998
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	0.07	9100	92.99999995

#### LIMITING STANDARDS FOR IFRA CATEGORY 7A

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Coumarin	91-64-5	5.75	3.13	4025	1799.99999995
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	5.15	9100	6699.99999994

#### LIMITING STANDARDS FOR IFRA CATEGORY 7B

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Coumarin	91-64-5	5.75	3.13	4025	1799.99999995
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	5.15	9100	6699.99999994

#### LIMITING STANDARDS FOR IFRA CATEGORY 8

Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
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		finished product		mg/kg	
Cinnamic alcohol	104-54-1	1.45	5.86	1015	849.9999999975
Cinnamic aldehyde	104-55-2	0.35	4	245	140
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (DPMI)	33704-61-9	0.25	3.36	175	84
Coumarin	91-64-5	5.75	0.61	4025	350.000000015
Rose ketones	23696-85-7	0.15	3	105	45
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	1.46	9100	1899.99999995
LIMITING STANDARDS FOR IFRA CATEGORY 11A					
Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Cinnamic alcohol	104-54-1	1.45	5.86	1015	849.9999999975
Cinnamic aldehyde	104-55-2	0.35	4	245	140
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (DPMI)	33704-61-9	0.25	3.36	175	84
Coumarin	91-64-5	5.75	0.61	4025	350.000000015
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	1.46	9100	1899.99999995
LIMITING STANDARDS FOR IFRA CATEGORY 11B					
Materials under the scope of IFRA Standards	CAS-No.	Concentration (%) in fragrance mixture or finished product	% Max level for class	Concentration in mg/kg for a usage at -%	Maximal concentration allowed in mg/kg
Cinnamic alcohol	104-54-1	1.45	5.86	1015	849.9999999975
Cinnamic aldehyde	104-55-2	0.35	4	245	140
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (DPMI)	33704-61-9	0.25	3.36	175	84
Coumarin	91-64-5	5.75	0.61	4025	350.000000015
1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone (OTNE)	54464-57-2	13	1.46	9100	1899.99999995

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