

IFRA Compliance Certificate

Issued 10/21/2024

Product Code	99253017
Product Name	PATCHOULI FRACTION B

This product is compliant with the latest Amendment of the International Fragrance Association (IFRA), **IFRA 51**, **published June 30th 2023**, provided it is used at or below the maximum concentration level indicated. IFRA Compliance is assessed according to IFRA Standards based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM).

Please be aware information provided by this document takes into account only raw materials or their sub-ingredients explicitly regulated by IFRA.

IFRA Categories Product Type	Maximum level of use (%) (w/w)
1	100.0000%
2	100.0000%
3	100.0000%
4	100.0000%
5A	100.0000%
5B	100.0000%
5C	100.0000%
5D	100.0000%
6	100.0000%
7A	100.0000%
7B	100.0000%
8	100.0000%
9	100.0000%
10A	100.0000%
10B	100.0000%
11A	100.0000%
11B	100.0000%
12	100.0000%

The presence and concentration of ingredients restricted by the current IFRA Standards are as follows:

Ingredients	CAS Number	% in the Product
Acetic, anhydride, reaction products With 1,5,10-trimethyl-1,5,9- cyclododecatriene	144020-22-4 28371-99-5	-
5-Acetyl-1,1,2,3,3,6-hexamethyl indan(AHMI)	15323-35-0	-
Acetylated Vetiver oil	84082-84-8 68917-34-0 73246-97-6 62563-80-0	-
Allyl phenoxyacetate	7493-74-5	-
α-Amyl cinnamic alcohol	101-85-9	=
α-Amyl cinnamic aldehyde	122-40-7	-
Angelica root oil	8015-64-3	-
Anisyl alcohol	105-13-5 1331-81-3	-
cls-And trans-Asarone	2883-98-9 5273-86-9	-
Benzaldehyde	100-52-7	0.0018%
Benzo[a]pyrene(ppm)	50-32-8	-
Benzanthracene(ppm)	56-55-3	-
Benzyl alcohol	100-51-6	=
Benzyl benzoate	120-51-4	0.0175%
Benzyl cinnamate	103-41-3	-
Benzyl cyanide natural	140-29-4	-
Benzyl salicylate	118-58-1	-
Bergamot oil expressed	8007-75-8 89957-91-5	-
α-Bisabolol	515-69-5 23089-26-1 23178-88-3 78148-59-1 76738-75-5 72691-24-8	-
Bitter orange peel oil expressed	68916-04-1 72968-50-4	-
α-Butylcinnamaldehyde	7492-44-6	-
3-(m - tert - Butylphenyl)-2-methylpropionaldehyde(m - BMHCA)	62518-65-4	-
p-tert-Butyldihydrocinnamaldehyde	18127-01-0	-
p-tert-Butyl-α-methylhydrocinnamic aldehyde(p - BMHCA)	80-54-6	-
Carvone	99-49-0 2244-16-8 6485-40-1	-
Cedrene	11028-42-5 469-61-4 546-28-1	-
Cinnamic alcohol	104-54-1	-
Cinnamic aldehyde	104-55-2	-
Cinnamic aldehyde dimethyl acetal	4364-06-1	-
Cinnamyl nitrile	1885-38-7 4360-47-8	-
Citral	5392-40-5 141-27-5 106-26-3	-
Citronellal	106-23-0 1478991	-

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Citronellol	106-22-9 1117-61-9 26489-01-0 6812-78-8 141-25-3 68916-43-8 7540-51-4	0.0003%
Citrus oils And other furocoumarins containing essential oils(5 MOP)	484-20-8	-
Coumarin	91-64-5	-
Cumin oil	8014-13-9	-
Cuminaldehyde	122-03-2	-
Cyclamen aldehyde	103-95-7	-
Cyclohexanemethanol, 2,4-dimethyl-	68480-15-9	-
Cyclopentadecanolide	106-02-5	-
Dibenzyl ether	103-50-4	-
Dihydrocoumarin	119-84-6	-
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone(DPMI)	33704-61-9	-
Dimethylcyclohex-3-ene-1-carbaldehyde(mixed isomers)	68737-61-1 68039-49-6 68039-48-5 27939-60-2 67801-65-4 36635-35-5 68084-52-6 35145-02-9	-
1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one	56973-85-4	-
4,8-Dimethyl-4,9-decadienal	71077-31-1	-
5,9-Dimethyl-4,8-decadienal	762-26-5	-
3,7-Dimethyl-2,6-nonadien-1-al	41448-29-7	-
3,7-Dimethyl-3,6-octadienal	55722-59-3 72203-98-6 72203-97-5	-
2,2-Dimethyl-3-(3 - tolyl)propan-1-ol	103694-68-4	-
3,3-Dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol	107898-54-4	-
Estragole	140-67-0	-
2-Ethoxy-4-methylphenol	242345	-
p-Ethylbenzaldehyde	4748-78-1	-
Eugenol	97-53-0	0.0153%
Farnesal	19317-11-4	-
Farnesol	4602-84-0	-
Furfural	98-01-1	-
Geraniol	106-24-1	0.0007%
Grapefruit oil expressed	8016-20-4	-
2-Heptylidene cyclopentan-1-one	39189-74-7	-
trans-2-Hexenal	6728-26-3	-
α-Hexyl cinnamic aldehyde	101-86-0	-
α-Hexylidene cyclopentanone	17373-89-6	-
Hexyl salicylate	6259-76-3	-
Hydroxycitronellal	107-75-5	-
4-Hydroxy-2,5-dimethyl-3(2H)-furanone	3658-77-3	-
3 And 4-(4 - Hydroxy - 4 - methylpentyl)-3-cyclohexene-1- carboxaldehyde(HMPCC)	31906-04-4 51414-25-6	-
4-(4 - Hydroxyphenyl)butan-2-one	5471-51-2	-
p-lsobutyl-α-methyl hydrocinnamaldehyde	6658-48-6	-
Isobutyl N-methylanthranylate	65505-24-0	-

	1335-66-6	
Isocyclocitral	1423-46-7 67634-07-5 1754-00-3	-
Isocyclogeraniol	68527-77-5	-
Isoeugenol	97-54-1	0.0003%
Isophorone natural	78-59-1	-
p-Isopropylbenzyl alcohol	536-60-7	-
cls, trans-4-(Isopropyl) cyclohexane methanol	5502-75-0 13828-37-0 13674-19-6	-
4-(Isopropyl)βmethylcyclohexanethanol	67634-03-1	-
Jasmine absolute(grandiflorum)	8022-96-6 8024-43-9 90045-94-6 84776-64-7	-
Jasmine absolute(sambac)	91770-14-8 1034798-23-6	-
Lemon oil cold pressed	8008-56-8 84929-31-7	-
Lime oil expressed	8008-26-2	-
Longifolene	475-20-7	-
Melissa oil(genuine Melissa officinalis L.)	8014-71-9 84082-61-1	-
p-Mentha-1,8-dien-7-al(Perilla aldehyde)	2111-75-3	-
Menthadiene-7-methyl formate	68683-20-5	-
p-Methoxybenzaldehyde	123-11-5	-
o-Methoxycinnamaldehyde	1504-74-1	-
7-Methoxycoumarin natural	531-59-9	-
Methoxy dicyclopentadiene carboxaldehyde	86803-90-9	-
4-Methoxy-α-methylbenzenepropanal	5462-06-6	-
2-Methoxy-4-methylphenol	93-51-6	-
2-Methoxy-4-propylphenol	2785-87-7	-
α-Methyl-1,3-benzodioxole-5-propionaldehyde(MMDHCA)	1205-17-0	-
α-Methyl cinnamic aldehyde	101-39-3	-
Methyl eugenol	93-15-2	-
Methyl N-formylanthranilate	41270-80-8	-
6-Methyl-3,5-heptadien-2-one	1604-28-0	_
Methyl heptine carbonate	111-12-6	_
p-Methyltetrahydroguinoline	91-61-2	_
Methyl ionone, mixed isomers	1335-46-2 127-42-4 127-43-5 127-51-5 7779-30-8 79-89-0 1335-94-0	-
Methyl N-methylanthranilate	85-91-6	-
Methyl β-naphthyl ketone	93-08-3	-
Methyl octine carbonate	111-80-8	-
3-Methyl-2-(pentyloxy)cyclopent-2-en-1-one	68922-13-4	-
2-Nonyn-1-al dimethyl acetal	13257-44-8	-
1,2,3,4-Tetrahydro-4-methylquinoline	19343-78-3	-
o,m,p-Tolualdehydes And their mixtures	529-20-4 620-23-5 104-87-0 1334-78-7	-
Oakmoss extracts	90028-68-5 68917-10-2 9000-50-4	-

1 Octon 3 vl costata	2442 10 6	
1-Octen-3-yl acetate	2442-10-6	-
Opoponax	8021-36-1 9000-78-6 93384-32-8	-
	54464-57-2	
OTNE(1 - (1, 2, 3, 4, 5, 6, 7, 8 Octahydro-2,3,8,8-tetramethyl-2-	54464-59-4	-
naphthalenyl) ethanone)	68155-66-8 68155-67-9	
1-(2,4,4,5,5-Pentamethyl-1-cyclopenten-1-yl)ethan-1-one	13144-88-2	-
Peru balsam extracts And distillates	8007-00-9	-
Phenylacetaldehyde	122-78-1	-
3-Phenylbutanal	16251-77-7	_
4-Phenyl-3-buten-2-ol	17488-65-2	_
4 Frielly 5 batter 2 of	93-53-8	
2-Phenylpropionaldehyde	1340-11-0	-
	34713-70-7	
Propenylguaethol	94-86-0 63477-41-8	-
3-Propylidenephthalide	17369-59-4	_
- · · · - F / · · · · · · · · · · · · · · · · · ·	23696-85-7	
	23726-93-4	
	43052-87-5 24720-09-0	
	23726-94-5	
	23726-92-3	
Rose ketones	23726-91-2 57378-68-4	-
	71048-82-3	
	39872-57-6	
	70266-48-7	
	33673-71-1 35087-49-1	
	35044-68-9	
Rue oil	8014-29-7	-
Safrole, Isosafrole And Dihydrosafrole	94-59-7 120-58-1 94-58-6	-
	8046-19-3	
	2236755_	
Styrax	94891-27-7	-
	94891-28-8 101227-15-0	
	91722-29-1	
Tagetes oil And absolute	8016-84-0	-
Tea leaf absolute	91770-75-1	
	84650-60-2	-
α,2,2,3-Tetramethylcyclopent-3-ene-1-butyraldehyde	65114-03-6 546-80-5	-
Thuises	546-80-5 471-15-8	
Thujone	76231-76-0	-
	1125-12-8	
p-Tolyl alcohol	589-18-4	-
2,6,6-Trimethylcyclohex-1,3-dienyl methanal	116-26-7	-
5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol	65113-99-7	-
	24048-14-4 185019-19-6	
2,6,10-Trimethylundeca-5,9-dien-1-ol	58001-88-0	
2,0,10-111111ettiyiu110eta-5,3-01e11-1-01	58001-87-9	_
	1373932-23-0 1018832-07-9	
	90028-67-4	
Treemoss(Evernia furfuracea) extracts	68648-41-9	-
	68917-40-8	
Verbena absolute(Lippia citriodora Kunth.)	8024-12-2 85116-63-8	-
	8006-81-3	
Ylang ylang extracts	68606-83-7	-
<u> </u>	83863-30-3	

Mintlactone	13341-72-5	-
Ethyl isopropyl bicycloheptene-2-carboxylate	116044-44-1 116126-82-0	-
Tetramethyl bicyclo-2-heptene-2-propionaldehyde	33885-52-8	-
1-(2,2,6-Trimethylcyclohexyl)-3-hexanol	70788-30-6	-
1-(2 - tert Butyl cyclohexyloxy)-2-butanol	139504-68-0	-
3,6,7-Trimethyl-2,6-octadienal	1891-67-4	-
2,4,4,7-Tetramethyl-6-octen-3-one	74338-72-0	-
2-Cyclohexylidene-2-ortho-tolylacetonitrile	916887-53-1	-
Ethyl And Methyl furaneol	27538-09-6 27538-10-9	-
2-Hexylidenecyclohexan-1-one	16429-07-5	-
2-Methyl-2-pentenal	623-36-9	-
2-Octen-4-one	4643-27-0	-
Methyl lavender ketone	67801-33-6 67633-95-8	-
3,4,5,6,6-Pentamethylhept-3-en-2-one	81786-75-6 81786-73-4 86115-11-9 81786-74-5	-
3-Methyl-5-phenylpent-2-enenitrile	93893-89-1 53243-59-7 53243-60-0	-
3-Octen-2-one	1669-44-9	-
Dimethyl octenone	2550-11-0	-
Isopentyl cyclohexanone	16587-71-6	-
Woody furan	338735-71-0 351343-77-6	-
Allyl 3-cyclohexylpropionate	2705-87-5	-
alpha-Amylcinnamicaldehyde diethyl acetal	60763-41-9	-
alpha-Amylcinnamicaldehyde dimethyl acetal	91-87-2	-
alpha-Cyclohexylidene benzeneacetonitrile	10461-98-0	-
5-Hexen-1-yl 2-methylbutanoate	155514-23-1	-
Carvyl acetate	97-42-7 1205-42-1 1134-95-8	-
Cyclohexadecanone	2550-52-9	-
Cyclohexadecenone	88642-03-9 5365-06-0 2550-59-6 3100-36-5 5120-20-7 854373-71-0 854373-70-9	-
1-(2,2,6-Trimethylcyclohexyl)-3-pentanol	60241-52-3 60241-53-4	-
(Ethoxymethoxy)-cyclododecane	58567-11-6	-
6-Hydroxy-2,6-dimethylheptanal	62439-42-3	-
Isobutyl cinnamate	122-67-8	-
Isoeugenyl acetate	93-29-8	-
4-Methyl-1-propan-2-ylbicyclo[2.2.2]oct-2-ene-8-carboxylate	68966-86-9	-
Methyl vanillyl ether	1326995	-
Myraldyl acetate	72403-67-9	-
Octahydro-dimethylnaphthalene-2-carbaldehyde(mixed isomers)	68738-94-3 68738-96-5 68991-96-8 68991-97-9	-
p-Cresol	1319-77-3 106-44-5	-
Phenoxyacetaldehyde	2120-70-9	-

Carvomenthone	499-70-7 59471-80-6	-
4-tert-Butylcyclohexanone	98-53-3	-
7-Methoxy-3,7-dimethyloct-1-ene	53767-86-5	-
Methoxycyclododecane	2986-54-1	-
2,5-Octadien-4one 5,6 7 trimethyl	358331-95-0 357650-26-1 847144-75-6	-

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IFRA Category - Product Type	IFRA Category
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys	1
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, deo-cologne, etc.)	2
Body sprays (including body mist)	
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 Wipes or refreshing tissues for face, neck, hands, body Body and face paint (for children and adults) Facial masks for face, lips, and around the eyes	3
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (eau de toilette, parfum, cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.)	
Fragranced bracelets Ingredients of perfume kits and fragrance mixtures for cosmetics kits Scent pads, foil packs Scent strips for hydroalcoholic products	4
Body creams, oils, lotions of all types Foot care products (creams & powders) Insect repellent (intended to be applied to the skin) All powders and talcs (excluding baby powders and talc)	5A
Facial toner Face moisturizers and creams	5B
Hand cream Nail care products including cuticle creams etc. Hand sanitizers	5C
Baby cream/lotion, baby oil, baby powders and talc	5D
Toothpaste Mouthwash, including breath sprays Toothpowder, strips, mouthwash tablets	6
Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	7A
Hair sprays of all types (pumps, aerosol sprays, etc.) Hair styling aids (mousse, gels, leave in conditioners) Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes Shampoo - Dry (waterless shampoo) Hair deodorizer	7B
Intimate wipes Tampons Baby wipes Toilet paper (wet)	8
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 Foot care products (feet are placed in a bath for soaking) Shaving creams of all types (stick, gels, foams, etc.) All depilatories (including facial) and waxes for mechanical hair removal Shampoos for pets	9

Hand wash laundry detergent (including concentrates)	
Laundry pre-treatment of all types (e.g. paste, sprays, sticks)	
Hand dishwashing detergent (including concentrates)	
Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.)	
Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates	
Dry Cleaning Kits	
Toilet Seat Wipes	104
Fabric softeners of all types including fabric softener sheets	10A
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 after wash, deodorizers for textiles or fabrics)	
Floor wax	
Fragranced oil for lamp rings, reed diffusers, potpourri, liquid refills for air freshners (non-cartridge systems), etc	
Ironing water (Odorized distilled water)	
Animal sprays - sprays applied to animals of all types	
Air freshener sprays, manual, including aerosol and pump	10B
Aerosol/spray insecticides	105
Feminine hygiene conventional pads, interlabial pads	
Diapers (baby and adult)	11A
Adult incontinence pant, pad	
Toilet paper (dry)	
Tights with Moisturizers	
Scented socks, gloves	
Facial tissues (dry tissues)	
Napkins	11B
Paper towels	110
Wheat bags	
Facial masks (paper/protective) e.g. surgical masks not used as medical device	
Fertilizers, solid (pellet or powder)	
Candles of all types (including encased)	
Laundry detergents for machine wash with minimal skin contact (e.g. liquid tabs, pods)	
Automated air fresheners and fragrancing of all types 9concentrated aerosol with metered doses (ranged 0.05-0.5mL/	
spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense,	
liquid refills, 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	
	12
Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays	12
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)	