

## IFRA Conformity Certificate

### Black Pepper Essential Oil

We certify that the above item is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA – 51st Amendment, published June 2023), provided it is used in the following classes at a maximum concentration level of:

IFRA Categories (see Annex for detail)	Maximum Level of Use (%)
IFRA Category 1	2.5
IFRA Category 2	2.5
IFRA Category 3	5.0
IFRA Category 4	5.0
IFRA Category 5A	2.5
IFRA Category 5B	2.5
IFRA Category 5C	2.5
IFRA Category 5D	2.5
IFRA Category 6	5.0
IFRA Category 7A	5.0
IFRA Category 7B	5.0
IFRA Category 8	2.5
IFRA Category 9	5.0
IFRA Category 10A	10.00
IFRA Category 10B	10.00
IFRA Category 11A	7.5
IFRA Category 11B	5.0
IFRA Category 12	No Restriction

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee, additional regulatory or other safety limits may be appropriate.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

**Annex: Definition of IFRA Classes**

<b>Finished product types</b>	<b>IFRA class</b>
Lip products of all types (solid and liquid lipsticks, balms, clear or coloured etc.); Children's toys	IFRA Class 1 Limit
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.); Body sprays	IFRA Class 2 Limit
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 or body; Body and face paint (for children and adults); Facial masks for face and around the eyes	IFRA Class 3 Limit
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 cosmetic kits; Scent pads, foil packs; Scent strips for hydroalcoholic products	IFRA Class 4 Limit
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)	IFRA Class 5A Limit
Facial toner; Facial moisturizers and creams	IFRA Class 5B Limit
Hand cream; Nail care products including cuticle creams, etc.; Hand sanitizers	IFRA Class 5C Limit
Baby cream/lotion, baby oil, baby powders and talc	IFRA Class 5D Limit
Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets	IFRA Class 6 Limit
Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	IFRA Class 7A Limit
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	IFRA Class 7B Limit
Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)	IFRA Class 8 Limit
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	IFRA Class 9 Limit

<p>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; Fabric softeners of all types including fabric softener sheets; 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 ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.; Ironing water (Odorized distilled water)</p>	<p>IFRA Class 10A Limit</p>
<p>Animal sprays – sprays applied to animals of all types; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides</p>	<p>IFRA Class 10B Limit</p>
<p>Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)</p>	<p>IFRA Class 11A Limit</p>
<p>Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)</p>	<p>IFRA Class 11B Limit</p>
<p>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 (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)</p>	<p>IFRA Class 12 Limit</p>