



## 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.

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### **CERTIFYING PARTY:**

Fizzywhiz Unit 23 Maritime Enterprise Park

Atlas Road Bootle Liverpool L20 4DY

### **CERTIFICATE DELIVERED TO:**

**Customer:** Fizzy Whiz

### **SCOPE OF THE CERTIFICATE:**

**Product:** LIQUORICE FLAVOURING

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### **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 51st Amendment to the IFRA Standards (published June, 2023), 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>0.300</i></b>             |
| <b><i>Category 2</i></b>                                                                              | <b><i>2.500</i></b>             |
| <b><i>Category 3</i></b>                                                                              | <b><i>0.600</i></b>             |
| <b><i>Category 4</i></b>                                                                              | <b><i>14.000</i></b>            |
| <b><i>Category 5A</i></b>                                                                             | <b><i>2.200</i></b>             |
| <b><i>Category 5B</i></b>                                                                             | <b><i>0.600</i></b>             |
| <b><i>Category 5C</i></b>                                                                             | <b><i>0.600</i></b>             |
| <b><i>Category 5D</i></b>                                                                             | <b><i>0.200</i></b>             |
| <b><i>Category 6</i></b>                                                                              | <b><i>1.900</i></b>             |
| <b><i>Category 7A</i></b>                                                                             | <b><i>0.600</i></b>             |
| <b><i>Category 7B</i></b>                                                                             | <b><i>0.600</i></b>             |
| <b><i>Category 8</i></b>                                                                              | <b><i>0.200</i></b>             |
| <b><i>Category 9</i></b>                                                                              | <b><i>4.100</i></b>             |
| <b><i>Category 10A</i></b>                                                                            | <b><i>0.900</i></b>             |
| <b><i>Category 10B</i></b>                                                                            | <b><i>2.200</i></b>             |
| <b><i>Category 11A</i></b>                                                                            | <b><i>0.200</i></b>             |
| <b><i>Category 11B</i></b>                                                                            | <b><i>0.200</i></b>             |
| <b><i>Category 12</i></b>                                                                             | <b><i>100.000</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:** LIQUORICE FLAVOURING

Information about presence and concentration of allergen ingredients subject to IFRA Standards in the fragrance mixture named above is as follows:

| Materials under the scope of IFRA Standards: | CAS number(s): | Recommendation from IFRA Standard: | Concentration (%) in fragrance mixture or finished product: |
|----------------------------------------------|----------------|------------------------------------|-------------------------------------------------------------|
|                                              |                |                                    |                                                             |

Version: 2 Date: 29 Jul 2025

Revised: 29 Jul 2025

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**Annex: Definition of IFRA Standard categories by product type**

| Product type                                                                                                                                                                                                                                                                                                                                                                               | Category |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)<br>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, deocologne, etc.)<br>Body sprays (including body mist)                                                                                                                                          | 2        |
| Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer<br>Facial make up and foundation<br>Make-up remover for face and eyes<br>Nose pore strips<br>Wipes or refreshing tissues for face, neck, hands, body<br>Body and face paint (for children and adults)<br>Facial masks for face and around the eyes | 3        |
| Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragancing cream, aftershaves of all types, etc.)<br>Fragranced bracelets<br>Ingredients of perfume kits and fragrance mixtures for cosmetic kits<br>Scent pads, foil packs<br>Scent strips for hydroalcoholic products                                                | 4        |
| Products applied to the face and body using the hands (palms), primarily leave-on:                                                                                                                                                                                                                                                                                                         |          |
| Body creams, oils, lotions of all types<br>Foot care products (creams and powders)<br>Insect repellent (intended to be applied to the skin)<br>All powders and talc (excluding baby powders and talc)                                                                                                                                                                                      | 5A       |

|                                                                                                                                                                                                                                            |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Facial toner<br>Facial moisturizers and creams                                                                                                                                                                                             | 5B |
| Hand cream<br>Nail care products including cuticle creams, etc.<br>Hand sanitizers                                                                                                                                                         | 5C |
| Baby cream/lotion, baby oil, baby powders and talc                                                                                                                                                                                         | 5D |
| Toothpaste<br>Mouthwash, including breath sprays<br>Toothpowder, strips, mouthwash tablets                                                                                                                                                 | 6  |
| Products applied to the hair with some hand contact:                                                                                                                                                                                       |    |
| 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.)<br>Hair styling aids non sprays (mousse, gels, leave- on conditioners)<br>Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes | 7B |
| Intimate wipes<br>Tampons<br>Baby wipes<br>Toilet paper (wet)                                                                                                                                                                              | 8  |

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

| <b>Product type</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Category</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Bar soap<br>Shampoo of all type<br>Cleanser for face (rinse-off)<br>Conditioner (rinse-off)<br>Liquid soap<br>Body washes and shower gels of all types<br>Baby wash, bath, shampoo<br>Bath gels, foams, mousses, salts, oils and other products added to bathwater<br>Foot care products (feet are placed in a bath for soaking)<br>Shaving creams of all types (stick, gels, foams, etc.)<br>All depilatories (including facial) and waxes for mechanical hair removal<br>Shampoos for pets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9               |
| Household care products with mostly hand contact:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |
| Hand wash laundry detergent (including concentrates)<br>Laundry pre-treatment of all types (e.g. paste, sprays, sticks)<br>Hand dishwashing detergent (including concentrates)<br>Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.)<br>Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates<br>Dry cleaning kits<br>Toilet seat wipes<br>Fabric softeners of all types including fabric softener sheets<br>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)<br>Floor wax<br>Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.<br>Ironing water (Odorized distilled water) | 10A             |
| Animal sprays – sprays applied to animals of all types<br>Air freshener sprays, manual, including aerosol and pump<br>Aerosol/spray insecticides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10B             |
| Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |
| Feminine hygiene conventional pads, liners, interlabial pads<br>Diapers (baby and adult)<br>Adult incontinence pant, pad<br>Toilet paper (dry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11A             |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Tights with moisturizers<br>Scented socks, gloves<br>Facial tissues (dry tissues)<br>Napkins<br>Paper towels<br>Wheat bags<br>Facial masks (paper/protective) e.g. surgical masks not used as medical device<br>Fertilizers, solid (pellet or powder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11B |
| Candles of all types (including encased)<br>Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods)<br>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<br>sachets, incense, liquid refills (cartridge), air freshening crystals)<br>Air delivery systems<br>Cat litter<br>Cell phone cases<br>Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders)<br>Fuels<br>Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays<br>Joss sticks or incense sticks<br>Dishwash detergent and deodorizers – for machine wash<br>Olfactive board games<br>Paints<br>Plastic articles (excluding toys)<br>Scratch and sniff<br>Scent pack<br>Scent delivery system (using dry air technology)<br>Shoe polishes<br>Rim blocks (Toilet) | 12  |

## Allergen Analysis

**Product:** LIQUORICE FLAVOURING

| Ingredient                           | CAS number(s):                                | Concentration present as a percentage (%) or "A" for absent |
|--------------------------------------|-----------------------------------------------|-------------------------------------------------------------|
| 3-Propylenephthalide                 | 17369-59-4                                    | A                                                           |
| 6-Methyl Coumarin                    | 92-48-8                                       | A                                                           |
| Acetyl Cedrene                       | 32388-55-9                                    | A                                                           |
| alpha-iso-Methylionone               | 127-51-5                                      | A                                                           |
| Alpha-Terpinene                      | 99-86-5                                       | A                                                           |
| Amyl Cinnamal                        | 122-40-7                                      | A                                                           |
| Amyl Salicylate                      | 2050-08-0                                     | A                                                           |
| Amylcinnamyl Alcohol                 | 101-85-9                                      | A                                                           |
| Anethole                             | 104-46-1, 4180-23-8                           | A                                                           |
| Anise Alcohol                        | 105-13-5                                      | A                                                           |
| Aurantium Flower Oil                 | 72968-50-4, 8016-38-4, 8028-48-6              | A                                                           |
| Benzaldehyde                         | 100-52-7                                      | A                                                           |
| Benzyl Alcohol                       | 100-51-6                                      | A                                                           |
| Benzyl Benzoate                      | 120-51-4                                      | A                                                           |
| Benzyl Cinnamate                     | 103-41-3                                      | A                                                           |
| Benzyl Salicylate                    | 118-58-1                                      | A                                                           |
| Beta Caryophyllene                   | 87-44-5                                       | A                                                           |
| Butylphenyl Methylpropional (Lilial) | 80-54-6                                       | A                                                           |
| Camphor                              | 21368-68-3, 464-48-2, 464-49-3, 76-22-2       | A                                                           |
| Cananga Odorata Oil/Extract          | 68606-83-7, 8006-81-3, 83863-30-3, 93686-30-7 | A                                                           |
| Carvone                              | 2244-16-8, 6485-40-1, 99-49-0                 | A                                                           |

|                                                      |                                                                             |   |
|------------------------------------------------------|-----------------------------------------------------------------------------|---|
| Cedrus Atlantica Oil/Extract                         | 92201-55-3                                                                  | A |
| Cinnamal                                             | 104-55-2                                                                    | A |
| Cinnamomum Cassia Leaf Oil                           | 8007-80-5, 84961-46-6                                                       | A |
| Cinnamomum Zeylanicum Bark Oil                       | 8015-91-6, 84649-98-9                                                       | A |
| Cinnamyl Alcohol                                     | 104-54-1                                                                    | A |
| 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, 68916-43-8, 7540-51-4 | A |
| Citrus Aurantium Amara Peel Oil                      | 68916-04-1, 8008-57-9, 97766-30-8                                           | A |
| Citrus Aurantium Bergamia Peel Oil                   | 68648-33-9, 8007-75-8, 85049-52-1, 89957-91-5                               | A |
| Citrus Limon Peel Oil                                | 8008-56-8, 84929-31-7                                                       | A |
| Coumarin                                             | 91-64-5                                                                     | A |
| Dimethyl Phenethyl Acetate                           | 151-05-3                                                                    | A |
| Eucalyptus Globulus Oil                              | 8000-48-4, 97926-40-4                                                       | A |
| Eugenia Caryophyllus Oil                             | 84961-50-2, 8000-34-8, 8015-97-2                                            | A |
| Eugenol                                              | 97-53-0                                                                     | A |
| Eugenyl Acetate                                      | 93-28-7                                                                     | A |
| 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                                                                    | A |
| Geranyl Acetate                                      | 105-87-3                                                                    | A |
| Hexadecanolactone                                    | 109-29-5                                                                    | A |
| Hexamethylindanopyran                                | 1222-05-5                                                                   | A |
| Hexyl Cinnamal                                       | 101-86-0                                                                    | A |
| Hydroxycitronellal                                   | 107-75-5                                                                    | A |
| Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lylal) | 31906-04-4                                                                  | A |
| Isoeugenol                                           | 5912-86-7, 5932-68-3, 97-54-1                                               | A |

|                            |                                                                                              |   |
|----------------------------|----------------------------------------------------------------------------------------------|---|
| Isoeugenyl Acetate         | 93-29-8                                                                                      | A |
| Jasmine Oil/Extract        | 8022-96-6, 8024-43-9, 84776-64-7, 90045-94-6                                                 | A |
| Juniperus Virginiana Oil   | 8000-27-9, 85085-41-2                                                                        | A |
| Laurus Nobilis Leaf Oil    | 8002-41-3, 8007-48-5, 84603-73-6                                                             | A |
| Lavandula Oil/Extract      | 8000-28-0, 8022-15-9, 84776-65-8, 90063-37-9, 91722-69-9, 92623-76-2, 93455-96-0, 93455-97-1 | A |
| Lemongrass Oil             | 8007-02-1, 89998-16-3, 91844-92-7                                                            | 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                                                                  | A |
| Linalyl Acetate            | 115-95-7                                                                                     | A |
| Lippia citriodora absolute | 8024-12-2, 85116-63-8                                                                        | A |
| Mentha Piperita Oil        | 8006-90-4, 84082-70-2                                                                        | A |

|                                         |                                                                                                         |   |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------|---|
| Mentha Viridis Leaf Oil                 | 8008-79-5, 84696-51-5                                                                                   | A |
| Menthol                                 | 1490-04-6, 15356-60-2,<br>2216-51-5, 89-78-1                                                            | A |
| Methyl 2-Octynoate                      | 111-12-6                                                                                                | A |
| Methyl Salicylate                       | 119-36-8                                                                                                | A |
| Myroxylon Pereriae Oil/Extract          | 8007-00-9                                                                                               | A |
| Narcissus Extract                       | 68917-12-4, 90064-25-8,<br>90064-26-9, 90064-27-0                                                       | A |
| Pelarnium Graveolens Flower Oil         | 8000-46-2, 90082-51-2                                                                                   | A |
| Pinene                                  | 127-91-3, 18172-67-3,<br>7785-70-8, 80-56-8                                                             | A |
| Pinus Mu                                | 90082-72-7                                                                                              | A |
| Pinus Pumila                            | 97676-05-6                                                                                              | A |
| Postemon Cablin Oil                     | 8014-09-3, 84238-39-1                                                                                   | A |
| Rose Flower Oil/Extract                 | 8007-01-0, 84604-12-6,<br>84604-13-7, 84696-47-9,<br>90106-38-0, 92347-25-6,<br>93334-48-6              | A |
| Rose Ketones                            | 23696-85-7, 23726-91-2,<br>23726-92-3, 23726-94-5,<br>24720-09-0, 43052-87-5,<br>57378-68-4, 71048-82-3 | A |
| Salicylaldehyde                         | 90-02-8                                                                                                 | A |
| Santalol                                | 11031-45-1, 115-71-9, 77-42-9                                                                           | A |
| Santalum Album Oil                      | 8006-87-9, 84787-70-2                                                                                   | A |
| Sclareol                                | 515-03-7                                                                                                | A |
| Terpineol                               | 138-87-4, 586-81-2, 8000-41-7,<br>98-55-5                                                               | A |
| Terpinolene                             | 586-62-9                                                                                                | A |
| Tetramethyl acetyloctahydronaphthalenes | 54464-57-2, 54464-59-4,<br>68155-66-8, 68155-67-9                                                       | A |
| Trimethylbenzene propanol               | 103694-68-4                                                                                             | A |
| Trimethylcyclopentenyl Methylisopenteno | 67801-20-1                                                                                              | A |
| Turpentine                              | 8006-64-2, 8052-14-0,<br>9005-90-7                                                                      | A |
| Vanillin                                | 121-33-5                                                                                                | A |

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