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## IFRA COMPLIANCE STATEMENT

### IFRA Standards – 51<sup>st</sup> Amendment

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Supplier

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### PRODUCT INFORMATION

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| Item                       | Details                                      |
|----------------------------|----------------------------------------------|
| Product Name               | Geranium Bourbon Organic Essential Oil       |
| Botanical Name             | <i>Pelargonium graveolens</i> L'Hér.         |
| Alternative Botanical Name | <i>Pelargonium asperum</i>                   |
| INCI Name                  | Pelargonium Graveolens Oil                   |
| CAS Number                 | 8000-46-2                                    |
| EC Number                  | 290-140-0                                    |
| FEMA Number                | 2508                                         |
| Extraction Method          | Steam distillation                           |
| Material Type              | Natural Complex Substance                    |
| Product Composition        | 100% pure and natural essential oil          |
| Organic Status             | Subject to valid batch organic certification |
| Issue Date                 | 17 July 2026                                 |
| IFRA Amendment Evaluated   | 51st Amendment                               |

The IFRA 51st Amendment documentation contains the standards and supporting materials required to assess fragrance ingredients and their restricted constituents.

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## 2. CERTIFICATE STATEMENT

Aromology Trading LLC confirms that Geranium Bourbon Organic Essential Oil has been reviewed with reference to the IFRA Standards published under the 51st Amendment.

Geranium oil is a Natural Complex Substance whose chemical composition varies naturally between batches.

No single universal maximum-use concentration is assigned to the complete oil in this certificate.



## AROMLOGY

Compliance must be established using:

- The actual batch GC–MS composition.
- The intended IFRA finished-product category.
- Applicable IFRA limits for restricted constituents.
- Contributions of the same constituents from all other fragrance materials.
- The final concentration of the fragrance compound in the consumer product.
- A suitable finished-product safety assessment.

The absence of a product-specific numerical limit must not be interpreted as unlimited use.

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### 3. REPRESENTATIVE RESTRICTED OR SENSITISING CONSTITUENTS

| Constituent  | CAS Number | Representative Raw-Material Content | Assessment Requirement                            |
|--------------|------------|-------------------------------------|---------------------------------------------------|
| Citronellol  | 106-22-9   | 31.80%                              | Include in IFRA and sensitisation assessment      |
| Geraniol     | 106-24-1   | 17.40%                              | Include in applicable IFRA calculation            |
| Linalool     | 78-70-6    | 6.20%                               | Include in sensitisation and oxidation assessment |
| Limonene     | 138-86-3   | 0.90%                               | Include in sensitisation and oxidation assessment |
| Citral       | 5392-40-5  | 0.20%                               | Include in applicable category assessment         |
| Eugenol      | 97-53-0    | 0.08%                               | Include where detected                            |
| Alpha-Pinene | 80-56-8    | 0.35%                               | Include under applicable terpene requirements     |
| Beta-Pinene  | 127-91-3   | 0.25%                               | Include under applicable terpene requirements     |

The percentages shown are representative only. Actual batch values must be used for conformity calculations.

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### 4. IFRA CATEGORY DECLARATION

| IFRA Category | Representative Product Types   | Maximum-Use Status                              |
|---------------|--------------------------------|-------------------------------------------------|
| Category 1    | Lip products                   | Batch-specific constituent calculation required |
| Category 2    | Deodorants and antiperspirants | Batch-specific constituent calculation required |



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|                     |                                                            |                                                 |
|---------------------|------------------------------------------------------------|-------------------------------------------------|
| <b>Category 3</b>   | Eye-area and certain intimate-use products                 | Batch-specific constituent calculation required |
| <b>Category 4</b>   | Fine fragrances and hydroalcoholic perfumes                | Batch-specific constituent calculation required |
| <b>Category 5A</b>  | Body creams, lotions and leave-on body products            | Batch-specific constituent calculation required |
| <b>Category 5B</b>  | Face moisturisers                                          | Batch-specific constituent calculation required |
| <b>Category 5C</b>  | Hand creams                                                | Batch-specific constituent calculation required |
| <b>Category 5D</b>  | Baby creams, oils and powders                              | Batch-specific constituent calculation required |
| <b>Category 6</b>   | Oral-care and lip-exposure products                        | Specific oral-use assessment required           |
| <b>Category 7A</b>  | Rinse-off hair treatments with hand contact                | Batch-specific constituent calculation required |
| <b>Category 7B</b>  | Leave-on hair products and treatments                      | Batch-specific constituent calculation required |
| <b>Category 8</b>   | Certain intimate-contact products                          | Batch-specific constituent calculation required |
| <b>Category 9</b>   | Rinse-off body and hair products                           | Batch-specific constituent calculation required |
| <b>Category 10A</b> | Household products with hand contact                       | Batch-specific constituent calculation required |
| <b>Category 10B</b> | Aerosol and mechanically delivered air-care products       | Batch-specific inhalation assessment required   |
| <b>Category 11A</b> | Products with intended skin contact and transfer potential | Batch-specific constituent calculation required |
| <b>Category 11B</b> | Products with incidental or limited skin contact           | Batch-specific constituent calculation required |
| <b>Category 12</b>  | Products without intended direct skin contact              | Batch-specific constituent calculation required |

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## 5. CALCULATION PRINCIPLE

Where an applicable IFRA Standard limits a constituent, the maximum amount of Geranium Bourbon Organic Essential Oil permitted in the finished product may be calculated as:

Maximum oil concentration = applicable constituent limit ÷ constituent fraction in the oil

Example:

Where the actual batch contains 17.40% geraniol, the constituent fraction is 0.174.



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The calculation must be completed for every relevant constituent. The lowest resulting concentration governs the maximum use of the oil.

This example explains the calculation method only. It does not assign a numerical IFRA limit to the product.

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## 6. OXIDATION AND STORAGE CONSIDERATIONS

Linalool, limonene and other terpene constituents may oxidise following exposure to:

- Air
- Heat
- Light
- Moisture
- Prolonged storage

Oxidation may increase skin-sensitisation potential.

The product should be stored tightly closed, protected from light and heat, with minimal container headspace.

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## 7. ORGANIC QUALIFICATION

Organic status does not alter or remove IFRA restrictions.

The term Organic must be supported by a valid certificate applicable to the relevant supply chain and batch.

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## 8. CUSTOMER RESPONSIBILITY

The fragrance manufacturer or finished-product manufacturer is responsible for:

1. Selecting the correct IFRA category.
2. Obtaining the batch-specific GC–MS composition.
3. Calculating all restricted-constituent contributions.
4. Including contributions from every ingredient in the formulation.
5. Applying the most restrictive applicable standard.
6. Reviewing oxidation-sensitive constituents.
7. Completing the finished-product toxicological assessment.
8. Ensuring compliance with applicable national and regional legislation.
9. Applying a later IFRA Amendment when required by the customer or market.



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## 9. DECLARATION

Based on the information available at the issue date:

GERANIUM BOURBON ORGANIC ESSENTIAL OIL MAY BE USED IN FRAGRANCE FORMULATIONS SUBJECT TO BATCH-SPECIFIC IFRA CALCULATION

Compliance requires:

- Correct finished-product category selection
- Actual batch compositional data
- Assessment of restricted constituents
- Inclusion of all formulation contributions
- Good manufacturing practice
- Finished-product safety evaluation

This certificate applies only to the raw material identified above. It does not constitute approval of a finished cosmetic, perfume or consumer product.

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## 10. DISCLAIMER

This document is a supplier declaration prepared with reference to the IFRA 51st Amendment.

It is not issued or certified by IFRA and does not replace a complete fragrance-formula or finished-product assessment.

IFRA maintains its official Standards Library and amendment documentation for detailed ingredient-specific requirements.

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**Authorised by:**

Fozia Khot  
Director