



The Lebermuth Company  
4004 Technology Drive  
46628 South Bend, IN  
Tel.: 574-259-7000  
E-mail: info@lebermuth.com

## IFRA STANDARDS CONFORMITY CERTIFICATE

Fragrance compound

**Product:** 50-6054-01 - CARDAMOM CO2 OIL

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51<sup>st</sup> 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	11 %	Products applied to the lips
Category 2	3.2 %	Products applied to the axillae
Category 3	10 %	Products applied to the face/body using fingertips
Category 4	60 %	Products related to fine fragrance
Category 5A	15 %	Body lotion products applied to the body using the hands (palms), primarily leave on
Category 5B	15 %	Face moisturizer products applied to the face using the hands (palms), primarily leave on
Category 5C	15 %	Hand cream products applied to the hands using the hands (palms), primarily leave on
Category 5D	5.1 %	Baby creams, baby oils and baby talc
Category 6	16 %	Products with oral and lip exposure
Category 7A	20 %	Rinse-off products applied to the hair with some hand contact
Category 7B	20 %	Leave-on products applied to the hair with some hand contact
Category 8	5.1 %	Products with significant anogenital exposure
Category 9	100 %	Products with body and hand exposure, primarily rinse off
Category 10A	100 %	Household care products with mostly hand contact
Category 10B	100 %	Household care products with mostly hand contact, including aerosol/spray products (with potential leave-on skin contact)
Category 11A	5.1 %	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure
Category 11B	5.1 %	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure

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.



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Fragrance compound

Category 12

100 %

Products not intended for direct skin contact, minimal or insignificant transfer to skin

*\*Actual use level or maximum use level*

To continually improve the accuracy of the above information, Lebermuth has in place a program of review for all relevant fragrance ingredients. The information contained herein is to the best of our knowledge and understanding of the product on the following date, based on current supplier information and is subject to change as new supplier information is provided. Some suppliers are still analyzing and collecting information for their raw materials pertaining to the 51st Amendment and may provide further updates. It is your responsibility to ensure that the usage of the fragrance ingredients and the levels of such usage are permitted at all times according to the relevant laws and regulations.

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact: The Lebermuth Company [info@lebermuth.com](mailto:info@lebermuth.com)

The IFRA Standards are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM).

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