



IFRA 51st AMENDMENT

Product Information

Product Name: Borneol Crystals Natural

Chemical Name: Borneol

Botanical Source: Naturally isolated from essential oils (*Cinnamomum camphora*, *Blumea balsamifera*, and other natural sources)

INCI Name: Borneol

CAS Number: 464-45-9

EC Number: 207-353-1

Product Type: Natural Aroma Chemical (Natural Isolate)

IFRA Statement

Based on the available technical information and the IFRA 51st Amendment (June 2023), Borneol Crystals Natural (CAS No. 464-45-9) is a naturally derived aroma chemical intended for professional fragrance applications.

At the date of issue, Borneol itself is not subject to a specific individual IFRA Standard. However, it shall be used in accordance with the IFRA Code of Practice and all applicable IFRA Standards governing the finished fragrance formulation.

Compliance with the IFRA 51st Amendment for the finished fragrance remains the responsibility of the fragrance manufacturer, taking into account the complete formulation, intended IFRA Product Category, and the concentration of all constituent ingredients.

Maximum Use Levels

IFRA Classes	Maximum Level
Classes 1–12	No specific restriction under the IFRA 51st Amendment. Use according to Good Manufacturing Practice (GMP) and the IFRA Code of Practice.

Restricted Materials

None specifically assigned to Borneol (CAS No. 464-45-9) under the current IFRA 51st Amendment.

Prohibited Materials



None

Specified Materials

Borneol (CAS No.464-45-9)

Document Information

Parameter	Details
Document	IFRA 51st Amendment Certificate
Product	Borneol Crystals Natural
Chemical Name	Borneol
CAS Number	464-45-9
EC Number	207-353-1
IFRA Amendment	51st Amendment (June 2023)
Issue Date	29 June 2026
Version	2.0
Status	APPROVED

Disclaimer

This certificate has been prepared using the available technical information for Borneol (CAS No. 464-45-9). At the date of issue, Borneol is not individually restricted under the IFRA 51st Amendment. The material shall be used in accordance with Good Manufacturing Practice (GMP), the IFRA Code of Practice, and all applicable IFRA Standards governing the finished fragrance formulation.

Compliance of the finished fragrance with the latest IFRA Standards depends upon the complete formulation and remains the responsibility of the finished fragrance manufacturer.

Authorized By

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