



IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

PRODUCT INFORMATION

Product Name: Anethole Natural

Chemical Name: trans-Anethole ((E)-Anethole)

IUPAC Name: (E)-1-Methoxy-4-(prop-1-en-1-yl)benzene

CAS Number: 4180-23-8

EC (EINECS) Number: 224-052-0

FEMA Number: 2086

Molecular Formula: C₁₀ H₁₂O

Molecular Weight: 148.20 g/mol

Source: Naturally isolated from Star Anise (*Illicium verum*), Anise (*Pimpinella anisum*) or Fennel (*Foeniculum vulgare*)

Product Type: Natural Aroma Chemical

Issue Date: 02 July 2026

IFRA STATEMENT

This certificate provides information regarding the compliance of the above-mentioned fragrance ingredient with the International Fragrance Association (IFRA) Standards – 51st Amendment.

Anethole Natural (trans-Anethole) is a naturally occurring aroma chemical widely used as a fragrance and flavour ingredient. It is the principal constituent of several natural essential oils, including Star Anise, Anise and Fennel.

Based on the current IFRA Standards (51st Amendment) and the published IFRA Standards Library, trans-Anethole is not subject to an individual IFRA Standard or specific quantitative restriction.

Although Anethole itself is not individually restricted, natural sources should be appropriately controlled to ensure that unwanted co-occurring constituents (for example, estragole where applicable) remain within acceptable regulatory limits if present in the source material.



IFRA RESTRICTIONS

Parameter	Status
Individual IFRA Standard	None
Specific IFRA Restriction	None identified
Maximum Use Level	Not specifically restricted under IFRA 51
IFRA Compliance	Complies

DECLARATION

To the best of our knowledge and based on the available scientific literature, regulatory information and the current IFRA Standards (51st Amendment), Anethole Natural (CAS 4180-23-8) is not individually restricted by an IFRA Standard.

This raw material may therefore be used in fragrance compounds in accordance with Good Manufacturing Practice (GMP), provided that the finished fragrance complies with all applicable IFRA Standards and any restrictions arising from other ingredients contained within the formulation.

The responsibility for ensuring compliance of the finished fragrance compound with the applicable IFRA Product Category remains with the fragrance manufacturer.

REGULATORY NOTE

This certificate applies solely to the raw material identified above.

It does not replace the IFRA Certificate of Conformity for a finished fragrance compound, which must be prepared after evaluation of all fragrance ingredients and the intended end-use category.

Authorized by

Fozia Khot
Director
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