



## IFRA COMPLIANCE STATEMENT

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

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#### PRODUCT INFORMATION

**Product Name:** Barley Roasted Extract

**Botanical Name:** *Hordeum vulgare* L.

**INCI Name:** *Hordeum Vulgare* Seed Extract

**CAS Number:** 85251-64-5

**EC Number:** 286-476-2

**Diluent:** Triethyl Citrate (TEC)

**Composition:** 40% Roasted Barley Extract in 60% Triethyl Citrate

**Country of Origin:** India

**Plant Part:** Roasted Seeds (Grains)

**Extraction Method:** Solvent Extraction followed by dilution in Triethyl Citrate

**Product Type:** Natural Botanical Extract (Natural Complex Substance)

**Issue Date:** 02 July 2026

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#### IFRA STATEMENT

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

Barley Roasted Extract 40% TEC is a Natural Complex Substance (NCS) produced from roasted seeds of *Hordeum vulgare* and standardized in Triethyl Citrate (TEC).

A review of the current IFRA Standards – 51<sup>st</sup> Amendment confirms that Barley Extract (*Hordeum vulgare*) and Triethyl Citrate (CAS 77-93-0) are not individually subject to an IFRA Standard or specific quantitative restriction. Triethyl Citrate is a widely accepted fragrance solvent/carrier and is not subject to IFRA use limitations as a fragrance ingredient. The natural roasted barley extract likewise has no individual restriction under the current IFRA Standards.

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#### IFRA RESTRICTIONS



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

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## **COMPLIANCE**

Barley Roasted Extract 40% TEC may be incorporated into fragrance compounds in accordance with Good Manufacturing Practice (GMP).

Compliance of the finished fragrance depends upon:

- The complete fragrance formulation.
  - The concentration of all fragrance ingredients.
  - The intended IFRA Product Category.
  - Compliance with any IFRA Standards applicable to other ingredients present in the finished fragrance.
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## **DECLARATION**

To the best of our knowledge and based upon the available regulatory information together with the IFRA Standards – 51st Amendment, Barley Roasted Extract 40% TEC is not individually restricted by IFRA.

This certificate applies solely to the raw material identified above.

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

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## **REGULATORY NOTE**

This certificate applies only to the raw material identified above.

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

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## **Authorized by**

**Fozia Khot**  
Director  
Aromology Trading LLC