

## Annex 1 to the IFRA Standards

This Annex gives indicative maximum levels of the limited substances in different fragrance materials (e.g. in essential oils). These indicative levels should be taken into account when determining the compliance of a fragrance compound under its conditions of use. However, if reliable analysis has shown that the level of the limited substance in a specific fragrance material is not the same as the indicative level given in this Annex, then the analysed level can be used instead of the indicative level.

### Part I

Alphabetical list of the materials that have a Standard and for which contributions from other sources need to be taken into account, listing this sources with indicative values.

Material with a Standard	Other source	Level of restricted material in the other source
Cinnamic alcohol	Styrax oil	< 54%
	Styrax resin	< 3.5%
	Cassia oil	< 1%
	Cinnamon leaf oil	< 1%
	Tolu balsam	< 0.6%
	Cinnamon bark oil	< 0.2%
Methyl eugenol	Pimenta berry oil or leaf oil	< 15%
	Basil oil (linalool + estragole type)	< 6%
	Bay oil	< 4%
	Rose oil Bulgaria(different types)	< 2.5%
	Rose oil China	< 3.5%
	Rose oil Morocco	< 2.6%
	Rose oil Turkey	< 3.0%
	Citronella oil (Sri Lanka)	< 2%
	Estragon oil	< 1.5%
	Lovage leaf oil	< 1.5%
	Cascarilla oil	< 1%
	Hyssop oil	< 1%
	Savory winter oil	< 1%
	Nutmeg oil	< 1%
	Calamus oil	< 1%
	Clove oil	< 0.5%
	Cananga oil	< 0.5%
	Carrot (seed) oil	< 0.5%
	Mace oil	< 0.5%
	Citronella oil (Java)	< 0.2%
	Cassia oil	< 0.1%

## Part II

Alphabetical list of other sources (complex synthetic materials or essential oils) for restricted materials having Standards and therefore necessary to be taken into account for determination of the maximum level:

Other source	Restricted material affected	Level of restricted material in other source (%)
Basil oil (Linalool type)	Methyl eugenol	< 6
Basil oil (Estragole type)	Methyl eugenol	< 6
Bay oil	Methyl eugenol	< 4
Calamus oil	Methyl eugenol	< 1
Cananga oil	Methyl eugenol	< 0.5
Carrot seed oil	Methyl eugenol	< 0.5
Cascarilla oil	Methyl eugenol	< 1
Cassia oil	Cinnamic alcohol Methyl eugenol	< 1 < 0.1
Cinnamon bark oil	Cinnamic alcohol	< 0.2
Cinnamon leaf oil	Cinnamic alcohol	< 1
Citronella oil (Java)	Methyl eugenol	< 0.2
Citronella oil (Sri Lanka)	Methyl eugenol	< 2
Clove oil	Methyl eugenol	< 0.5
Estragon oil (Tarragon oil)	Methyl eugenol	< 1.5
Hyssop oil	Methyl eugenol	< 1
Lovage leaf oil	Methyl eugenol	< 1.5
Mace oil	Methyl eugenol	< 0.5
Nutmeg oil	Methyl eugenol	< 1
Pimenta berry oil	Methyl eugenol	< 15
Pimenta leaf oil	Methyl eugenol	< 15
Rose oil (different types)	Methyl eugenol	< 3.5
Savory winter oil	Methyl eugenol	< 1
Styrax oil	Cinnamic alcohol	< 54
Styrax resin	Cinnamic alcohol	< 3.5
Tarragon oil	See: Estragon oil	
Tolu balsam extract	Cinnamic alcohol	< 0.6